



## شرکت دلتا درمان پارت

سیستم های آزمایشگاهی و مواد مصرفی



دفتر مرکزی: تهران، میدان آرژانتین، خیابان الوند، خیابان سی و پنجم، پلاک ۱۳، طبقه پنجم

تلفن: ۸۸۷۷۵۶۵۶ - ۸۸۷۷۳۶۶۰ - ۸۸۷۷۰۶۵۸ - ۸۸۸۵۶۳۸۵ - ۸۸۸۵۶۴۱۰

فکس: ۸۸۸۵۶۴۰۳

ایمیل: [info@delta dp.ir](mailto:info@delta dp.ir)

وب سایت: [www.delta dp.ir](http://www.delta dp.ir)

|                       |                          |                |                           |                 |              |        |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|--------------|--------|
| TEST:ACE              | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing |              |        |
|                       | End Point(2)             | Double Reading | Factor:10                 | ✓ Sensitive     |              |        |
| Unit:U/l              | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash       |              |        |
|                       | ● Delta                  |                | Od Fact:1                 | photosensitive  |              |        |
|                       | Differential             |                |                           | Stir level:2    |              |        |
| Dilute Limit:120      | Reagent 1 mix(All Test)  |                | wavelength1:340           | Bichromatic     |              |        |
| Normal Max:63.9       |                          |                |                           |                 |              |        |
| Normal Min:13.3       | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |              |        |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: 0 |        |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |              |        |
| Sample Volume         | 20                       | ▲<br>▼         | ACE                       | Read Time       | 0            | ▲<br>▼ |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           | 2nd Time        | 300          | ▲<br>▼ |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           | 3rd Time        | 600          | ▲<br>▼ |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0            | ▲<br>▼ |

|                       |                           |                |                           |                 |              |        |
|-----------------------|---------------------------|----------------|---------------------------|-----------------|--------------|--------|
| TEST:ADA              | End Point                 | Sample Blank   | Standard:0                | ✓ Sever Washing |              |        |
|                       | End Point(2)              | Double Reading | Factor:10                 | ✓ Sensitive     |              |        |
| Unit:U/l              | ● Kinetic                 | 2Reagent       | Od Bias:0                 | Acid Wash       |              |        |
|                       | Delta                     |                | Od Fact:1                 | photosensitive  |              |        |
|                       | Differential              |                |                           | Stir level:2    |              |        |
| Dilute Limit:200      | ● Reagent 1 mix(All Test) |                | wavelength1:546           | Bichromatic     |              |        |
| Normal Max:15         |                           |                |                           |                 |              |        |
| Normal Min:0          | 3Reagent (End2.dif Only)  |                | wavelength2:              |                 |              |        |
| Calibration number    |                           | 1              | Calibration Point / Curve |                 | Cuv Blank: 0 |        |
| Volumes (micro liter) |                           |                | Times (sec)               |                 |              |        |
| Sample Volume         | 5                         | ▲<br>▼         | ADA                       | Read Time       | 0            | ▲<br>▼ |
| Reagent 1 Volume      | 160                       | ▲<br>▼         |                           | 2nd Time        | 120          | ▲<br>▼ |
| Reagent 2 Volume      | 80                        | ▲<br>▼         |                           | 3rd Time        | 300          | ▲<br>▼ |
| Reagent 3 Volume      | 0                         | ▲<br>▼         |                           | Read Time       | 0            | ▲<br>▼ |

|                       |                          |                |                           |                 |            |        |   |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|--------|---|
| TEST:ALBUMIN          | ● End Point              | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |   |
|                       | End Point(2)             | Double Reading | Factor:9.1                | ✓ Sensitive     |            |        |   |
| Unit:G/dl             | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash       |            |        |   |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |        |   |
|                       | Differential             |                |                           | Stir level:2    |            |        |   |
| Dilute Limit:6        | Reagent 1 mix(All Test)  |                | wavelength1:630           | Bichromatic     |            |        |   |
| Normal Max:5          | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |        |   |
| Normal Min:3.5        |                          |                |                           |                 |            |        |   |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |        |   |
| Sample Volume         | 2                        | ▲<br>▼         | <b>ALB</b>                | Read Time       | 300        | ▲<br>▼ |   |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           | 2nd Time        | 0          | ▲<br>▼ |   |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           | 3rd Time        | 0          | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |   |
|                       |                          |                |                           |                 |            |        |   |

|                       |                          |                |                           |                 |            |        |   |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|--------|---|
| TEST:AMYLASE          | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |   |
|                       | End Point(2)             | Double Reading | Factor:5727               | ✓ Sensitive     |            |        |   |
| Unit:U/l              | ● Kinetic                | 2Reagent       | Od Bias:0                 | Acid Wash       |            |        |   |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |        |   |
|                       | Differential             |                |                           | Stir level:2    |            |        |   |
| Dilute Limit:200      | Reagent 1 mix(All Test)  |                | wavelength1:405           | Bichromatic     |            |        |   |
| Normal Max:100        | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |        |   |
| Normal Min:0          |                          |                |                           |                 |            |        |   |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |        |   |
| Sample Volume         | 4                        | ▲<br>▼         | <b>AMYLASE</b>            | Read Time       | 0          | ▲<br>▼ |   |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           | 2nd Time        | 120        | ▲<br>▼ |   |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           | 3rd Time        | 300        | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |   |
|                       |                          |                |                           |                 |            |        |   |

|                       |                           |                |                           |                 |            |        |   |
|-----------------------|---------------------------|----------------|---------------------------|-----------------|------------|--------|---|
| TEST:ALP              | End Point                 | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |   |
|                       | End Point(2)              | Double Reading | Factor:7117               | ✓ Sensitive     |            |        |   |
| Unit:U/l              | ● Kinetic                 | 2Reagent       | Od Bias:0                 | Acid Wash       |            |        |   |
|                       | Delta                     |                | Od Fact:1                 | photosensitive  |            |        |   |
|                       | Differential              |                |                           | Stir level:2    |            |        |   |
| Dilute Limit:1000     | ● Reagent 1 mix(All Test) |                | wavelength1:405           | Bichromatic     |            |        |   |
| Normal Max:306        |                           |                |                           |                 |            |        |   |
| Normal Min:64         | 3Reagent (End2.dif Only)  |                | wavelength2:              |                 |            |        |   |
| Calibration number    |                           | 1              | Calibration Point / Curve |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                           |                | Times (sec)               |                 |            |        |   |
| Sample Volume         | 3                         | ▲<br>▼         | ALP <sub>(double)</sub>   | Read Time       | 0          | ▲<br>▼ |   |
| Reagent 1 Volume      | 160                       | ▲<br>▼         |                           | 2nd Time        | 60         | ▲<br>▼ |   |
| Reagent 2 Volume      | 40                        | ▲<br>▼         |                           | 3rd Time        | 240        | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                         | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |   |
|                       |                           |                |                           |                 |            |        |   |

|                       |                          |                |                           |                 |            |        |   |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|--------|---|
| TEST:ALP              | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |   |
|                       | End Point(2)             | Double Reading | Factor:7117               | ✓ Sensitive     |            |        |   |
| Unit:U/l              | ● Kinetic                | 2Reagent       | Od Bias:0                 | Acid Wash       |            |        |   |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |        |   |
|                       | Differential             |                |                           | Stir level:2    |            |        |   |
| Dilute Limit:1000     | Reagent 1 mix(All Test)  |                | wavelength1:405           | Bichromatic     |            |        |   |
| Normal Max:306        |                          |                |                           |                 |            |        |   |
| Normal Min:64         | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |        |   |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |        |   |
| Sample Volume         | 3                        | ▲<br>▼         | ALP <sub>(single)</sub>   | Read Time       | 0          | ▲<br>▼ |   |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           | 2nd Time        | 60         | ▲<br>▼ |   |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           | 3rd Time        | 240        | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |   |
|                       |                          |                |                           |                 |            |        |   |

|                       |                           |                |                           |                 |            |             |     |        |
|-----------------------|---------------------------|----------------|---------------------------|-----------------|------------|-------------|-----|--------|
| TEST:ALT              | End Point                 | Sample Blank   | Standard:0                | ✓ Sever Washing |            |             |     |        |
|                       | End Point(2)              | Double Reading | Factor:3686               | ✓ Sensitive     |            |             |     |        |
| Unit:U/l              | ● Kinetic                 | 2Reagent       | Od Bias:0                 | Acid Wash       |            |             |     |        |
|                       | Delta                     |                | Od Fact:1                 | photosensitive  |            |             |     |        |
|                       | Differential              |                |                           | Stir level:2    |            |             |     |        |
| Dilute Limit:300      | ● Reagent 1 mix(All Test) |                | wavelength1:340           | Bichromatic     |            |             |     |        |
| Normal Max:40         | 3Reagent (End2.dif Only)  |                | wavelength2:450           |                 |            |             |     |        |
| Normal Min:0          |                           |                |                           |                 |            |             |     |        |
| Calibration number    |                           | 1              | Calibration Point / Curve |                 | Cuv Blank: |             | 0   |        |
| Volumes (micro liter) |                           |                | <b>ALT</b> (double)       |                 |            | Times (sec) |     |        |
| Sample Volume         | 20                        | ▲<br>▼         |                           |                 |            | Read Time   | 0   | ▲<br>▼ |
| Reagent 1 Volume      | 160                       | ▲<br>▼         |                           |                 |            | 2nd Time    | 60  | ▲<br>▼ |
| Reagent 2 Volume      | 40                        | ▲<br>▼         |                           |                 |            | 3rd Time    | 240 | ▲<br>▼ |
| Reagent 3 Volume      | 0                         | ▲<br>▼         |                           |                 |            | Read Time   | 0   | ▲<br>▼ |

|                       |                          |                |                           |                 |            |             |     |        |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|-------------|-----|--------|
| TEST:ALT              | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing |            |             |     |        |
|                       | End Point(2)             | Double Reading | Factor:3686               | ✓ Sensitive     |            |             |     |        |
| Unit:U/l              | ● Kinetic                | 2Reagent       | Od Bias:0                 | Acid Wash       |            |             |     |        |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |             |     |        |
|                       | Differential             |                |                           | Stir level:2    |            |             |     |        |
| Dilute Limit:300      | Reagent 1 mix(All Test)  |                | wavelength1:340           | Bichromatic     |            |             |     |        |
| Normal Max:40         | 3Reagent (End2.dif Only) |                | wavelength2:450           |                 |            |             |     |        |
| Normal Min:0          |                          |                |                           |                 |            |             |     |        |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |             | 0   |        |
| Volumes (micro liter) |                          |                | <b>ALT</b> (single)       |                 |            | Times (sec) |     |        |
| Sample Volume         | 20                       | ▲<br>▼         |                           |                 |            | Read Time   | 0   | ▲<br>▼ |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           |                 |            | 2nd Time    | 60  | ▲<br>▼ |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           |                 |            | 3rd Time    | 240 | ▲<br>▼ |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           |                 |            | Read Time   | 0   | ▲<br>▼ |

|                       |                           |                         |                           |                 |              |
|-----------------------|---------------------------|-------------------------|---------------------------|-----------------|--------------|
| TEST:ASO              | ● End Point               | Sample Blank            | Standard:0                | ✓ Sever Washing |              |
|                       | End Point(2)              | Double Reading          | Factor:10                 | ✓ Sensitive     |              |
| Unit:IU/ml            | Kinetic                   | ■ 2Reagent              | Od Bias:0                 | Acid Wash       |              |
|                       | Delta                     |                         | Od Fact:1                 | photosensitive  |              |
|                       | Differential              |                         |                           | Stir level:2    |              |
| Dilute Limit:800      | ● Reagent 1 mix(All Test) |                         | wavelength1:578           | Bichromatic     |              |
| Normal Max:200        |                           |                         |                           |                 |              |
| Normal Min:0          | 3Reagent (End2.dif Only)  |                         | wavelength2:              |                 |              |
| Calibration number    |                           | 1                       | Calibration Point / Curve |                 | Cuv Blank: 0 |
| Volumes (micro liter) |                           |                         | Times (sec)               |                 |              |
| Sample Volume         | 3                         | ASO <sub>(double)</sub> | Read Time                 | 300             | ▲<br>▼       |
| Reagent 1 Volume      | 200                       |                         | 2nd Time                  | 0               | ▲<br>▼       |
| Reagent 2 Volume      | 50                        |                         | 3rd Time                  | 0               | ▲<br>▼       |
| Reagent 3 Volume      | 0                         |                         | Read Time                 | 0               | ▲<br>▼       |
|                       |                           |                         |                           |                 |              |

|                       |                           |                |                           |                 |            |     |        |
|-----------------------|---------------------------|----------------|---------------------------|-----------------|------------|-----|--------|
| TEST:AST              | End Point                 | Sample Blank   | Standard:0                | ✓ Sever Washing |            |     |        |
|                       | End Point(2)              | Double Reading | Factor:3525               | ✓ Sensitive     |            |     |        |
| Unit:U/l              | ● Kinetic                 | 2Reagent       | Od Bias:0                 | Acid Wash       |            |     |        |
|                       | Delta                     |                | Od Fact:1                 | photosensitive  |            |     |        |
|                       | Differential              |                |                           | Stir level:2    |            |     |        |
| Dilute Limit:300      | ● Reagent 1 mix(All Test) |                | wavelength1:340           | Bichromatic     |            |     |        |
| Normal Max:37         |                           |                |                           |                 |            |     |        |
| Normal Min:0          | 3Reagent (End2.dif Only)  |                | wavelength2:              |                 |            |     |        |
| Calibration number    |                           | 1              | Calibration Point / Curve |                 | Cuv Blank: |     | 0      |
| Volumes (micro liter) |                           |                | Times (sec)               |                 |            |     |        |
| Sample Volume         | 20                        | ▲<br>▼         | AST <sub>(double)</sub>   |                 | Read Time  | 0   | ▲<br>▼ |
| Reagent 1 Volume      | 160                       | ▲<br>▼         |                           |                 | 2nd Time   | 60  | ▲<br>▼ |
| Reagent 2 Volume      | 40                        | ▲<br>▼         |                           |                 | 3rd Time   | 240 | ▲<br>▼ |
| Reagent 3 Volume      | 0                         | ▲<br>▼         |                           |                 | Read Time  | 0   | ▲<br>▼ |

|                       |                          |                |                           |                 |            |     |        |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|-----|--------|
| TEST:AST              | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing |            |     |        |
|                       | End Point(2)             | Double Reading | Factor:3525               | ✓ Sensitive     |            |     |        |
| Unit:U/l              | ● Kinetic                | 2Reagent       | Od Bias:0                 | Acid Wash       |            |     |        |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |     |        |
|                       | Differential             |                |                           | Stir level:2    |            |     |        |
| Dilute Limit:300      | Reagent 1 mix(All Test)  |                | wavelength1:340           | Bichromatic     |            |     |        |
| Normal Max:37         |                          |                |                           |                 |            |     |        |
| Normal Min:0          | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |     |        |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |     | 0      |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |     |        |
| Sample Volume         | 20                       | ▲<br>▼         | AST <sub>(single)</sub>   |                 | Read Time  | 0   | ▲<br>▼ |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           |                 | 2nd Time   | 60  | ▲<br>▼ |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           |                 | 3rd Time   | 240 | ▲<br>▼ |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           |                 | Read Time  | 0   | ▲<br>▼ |

|                       |                          |                |                           |                  |     |        |
|-----------------------|--------------------------|----------------|---------------------------|------------------|-----|--------|
| TEST:BILIRUBIN DIRECT | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing  |     |        |
|                       | End Point(2)             | Double Reading | Factor:28.1               | ✓ Sensitive      |     |        |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash        |     |        |
|                       | Delta                    |                | Od Fact:1                 | ✓ photosensitive |     |        |
|                       | ●Differential            |                |                           | Stir level:2     |     |        |
| Dilute Limit:10       | Reagent 1 mix(All Test)  |                | wavelength1:550           | Bichromatic      |     |        |
| Normal Max:0.3        | 3Reagent (End2.dif Only) |                | wavelength2:              |                  |     |        |
| Normal Min:0          |                          |                |                           |                  |     |        |
| Calibration number    |                          | 1              | Calibration Point / Curve | Cuv Blank:       | 0   |        |
| Volumes (micro liter) |                          |                | Times (sec)               |                  |     |        |
| Sample Volume         | 20                       | ▲<br>▼         | B-D                       | Read Time        | 0   | ▲<br>▼ |
| Reagent 1 Volume      | 160                      | ▲<br>▼         |                           | 2nd Time         | 300 | ▲<br>▼ |
| Reagent 2 Volume      | 40                       | ▲<br>▼         |                           | 3rd Time         | 600 | ▲<br>▼ |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time        | 0   | ▲<br>▼ |

|                       |                          |                |                           |                  |     |        |
|-----------------------|--------------------------|----------------|---------------------------|------------------|-----|--------|
| TEST:BILIRUBIN TOTAL  | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing  |     |        |
|                       | End Point(2)             | Double Reading | Factor:95.6               | ✓ Sensitive      |     |        |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash        |     |        |
|                       | Delta                    |                | Od Fact:1                 | ✓ photosensitive |     |        |
|                       | ●Differential            |                |                           | Stir level:2     |     |        |
| Dilute Limit:20       | Reagent 1 mix(All Test)  |                | wavelength1:550           | Bichromatic      |     |        |
| Normal Max:1.2        | 3Reagent (End2.dif Only) |                | wavelength2:              |                  |     |        |
| Normal Min:0.1        |                          |                |                           |                  |     |        |
| Calibration number    |                          | 1              | Calibration Point / Curve | Cuv Blank:       | 0   |        |
| Volumes (micro liter) |                          |                | Times (sec)               |                  |     |        |
| Sample Volume         | 6                        | ▲<br>▼         | B-T                       | Read Time        | 0   | ▲<br>▼ |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           | 2nd Time         | 300 | ▲<br>▼ |
| Reagent 2 Volume      | 50                       | ▲<br>▼         |                           | 3rd Time         | 600 | ▲<br>▼ |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time        | 0   | ▲<br>▼ |

|                       |                          |                |                           |                 |            |        |   |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|--------|---|
| TEST:C3               | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |   |
|                       | End Point(2)             | Double Reading | Factor:10                 | ✓ Sensitive     |            |        |   |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash       |            |        |   |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |        |   |
|                       | ●Differential            |                |                           | Stir level:2    |            |        |   |
| Dilute Limit:350      | Reagent 1 mix(All Test)  |                | wavelength1:340           | Bichromatic     |            |        |   |
| Normal Max:180        | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |        |   |
| Normal Min:90         |                          |                |                           |                 |            |        |   |
| Calibration number    |                          | 6              | Calibration Point / Curve |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |        |   |
| Sample Volume         | 2                        | ▲<br>▼         | C3                        | Read Time       | 0          | ▲<br>▼ |   |
| Reagent 1 Volume      | 160                      | ▲<br>▼         |                           | 2nd Time        | 300        | ▲<br>▼ |   |
| Reagent 2 Volume      | 40                       | ▲<br>▼         |                           | 3rd Time        | 600        | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |   |

|                       |                          |                |                           |                 |            |        |   |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|--------|---|
| TEST:C4               | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |   |
|                       | End Point(2)             | Double Reading | Factor:10                 | ✓ Sensitive     |            |        |   |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash       |            |        |   |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |        |   |
|                       | ●Differential            |                |                           | Stir level:2    |            |        |   |
| Dilute Limit:90       | Reagent 1 mix(All Test)  |                | wavelength1:340           | Bichromatic     |            |        |   |
| Normal Max:40         | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |        |   |
| Normal Min:10         |                          |                |                           |                 |            |        |   |
| Calibration number    |                          | 6              | Calibration Point / Curve |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |        |   |
| Sample Volume         | 4                        | ▲<br>▼         | C4                        | Read Time       | 0          | ▲<br>▼ |   |
| Reagent 1 Volume      | 160                      | ▲<br>▼         |                           | 2nd Time        | 300        | ▲<br>▼ |   |
| Reagent 2 Volume      | 40                       | ▲<br>▼         |                           | 3rd Time        | 600        | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |   |

|                       |                          |                           |                 |                 |
|-----------------------|--------------------------|---------------------------|-----------------|-----------------|
| TEST:CK-NAC           | End Point                | Sample Blank              | Standard:0      | ✓ Sever Washing |
|                       | End Point(2)             | Double Reading            | Factor:9283     | ✓ Sensitive     |
| Unit:U/l              | ●Kinetic                 | 2Reagent                  | Od Bias:0       | Acid Wash       |
|                       | Delta                    |                           | Od Fact:1       | photosensitive  |
|                       | Differential             |                           |                 | Stir level:2    |
| Dilute Limit:2000     | ●Reagent 1 mix(All Test) |                           | wavelength1:340 | Bichromatic     |
| Normal Max:195        |                          |                           |                 |                 |
| Normal Min:24         | 3Reagent (End2.dif Only) |                           | wavelength2:    |                 |
| Calibration number    | 1                        | Calibration Point / Curve | Cuv Blank:      | 0               |
| Volumes (micro liter) |                          | CK <sub>(double)</sub>    | Times (sec)     |                 |
| Sample Volume         | 8                        |                           | Read Time       | 0               |
| Reagent 1 Volume      | 160                      |                           | 2nd Time        | 120             |
| Reagent 2 Volume      | 40                       |                           | 3rd Time        | 300             |
| Reagent 3 Volume      | 0                        |                           | Read Time       | 0               |

|                       |                          |                           |                 |                 |
|-----------------------|--------------------------|---------------------------|-----------------|-----------------|
| TEST:CK-NAC           | End Point                | Sample Blank              | Standard:0      | ✓ Sever Washing |
|                       | End Point(2)             | Double Reading            | Factor:9283     | ✓ Sensitive     |
| Unit:U/l              | ●Kinetic                 | 2Reagent                  | Od Bias:0       | Acid Wash       |
|                       | Delta                    |                           | Od Fact:1       | photosensitive  |
|                       | Differential             |                           |                 | Stir level:2    |
| Dilute Limit:2000     | Reagent 1 mix(All Test)  |                           | wavelength1:340 | Bichromatic     |
| Normal Max:195        |                          |                           |                 |                 |
| Normal Min:24         | 3Reagent (End2.dif Only) |                           | wavelength2:    |                 |
| Calibration number    | 1                        | Calibration Point / Curve | Cuv Blank:      | 0               |
| Volumes (micro liter) |                          | CK <sub>(single)</sub>    | Times (sec)     |                 |
| Sample Volume         | 8                        |                           | Read Time       |                 |
| Reagent 1 Volume      | 200                      |                           | 2nd Time        | 120             |
| Reagent 2 Volume      | 0                        |                           | 3rd Time        | 300             |
| Reagent 3 Volume      | 0                        |                           | Read Time       | 0               |

|                       |                          |                |                           |                 |            |        |   |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|--------|---|
| TEST:CALCIUM          | ● End Point              | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |   |
|                       | End Point(2)             | Double Reading | Factor:42.7               | ✓ Sensitive     |            |        |   |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | ✓ Acid Wash     |            |        |   |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |        |   |
|                       | Differential             |                |                           | Stir level:2    |            |        |   |
| Dilute Limit:20       | Reagent 1 mix(All Test)  |                | wavelength1:630           | Bichromatic     |            |        |   |
| Normal Max:10.5       | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |        |   |
| Normal Min:8.5        |                          |                |                           |                 |            |        |   |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |        |   |
| Sample Volume         | 2                        | ▲<br>▼         | CA ARSENAZO               | Read Time       | 300        | ▲<br>▼ |   |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           | 2nd Time        | 0          | ▲<br>▼ |   |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           | 3rd Time        | 0          | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |   |

|                       |                          |                |                           |                 |            |        |   |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|--------|---|
| TEST:CHOLESTEROL      | ● End Point              | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |   |
|                       | End Point(2)             | Double Reading | Factor:712                | ✓ Sensitive     |            |        |   |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash       |            |        |   |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |        |   |
|                       | Differential             |                |                           | Stir level:2    |            |        |   |
| Dilute Limit:500      | Reagent 1 mix(All Test)  |                | wavelength1:500           | Bichromatic     |            |        |   |
| Normal Max:200        | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |        |   |
| Normal Min:0          |                          |                |                           |                 |            |        |   |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |        |   |
| Sample Volume         | 2                        | ▲<br>▼         | CHOLESTEROL               | Read Time       | 600        | ▲<br>▼ |   |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           | 2nd Time        | 0          | ▲<br>▼ |   |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           | 3rd Time        | 0          | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |   |

|                       |                          |                           |                           |                  |     |
|-----------------------|--------------------------|---------------------------|---------------------------|------------------|-----|
| TEST:CK-MB            | End Point                | Sample Blank              | Standard:0                | ✓ Sever Washing  |     |
|                       | End Point(2)             | Double Reading            | Factor:6000               | ✓ Sensitive      |     |
| Unit:U/l              | ●Kinetic                 | 2Reagent                  | Od Bias:0                 | Acid Wash        |     |
|                       | Delta                    |                           | Od Fact:1                 | ✓ photosensitive |     |
|                       | Differential             |                           |                           | Stir level:2     |     |
| Dilute Limit:318      | ●Reagent 1 mix(All Test) |                           | wavelength1:340           | Bichromatic      |     |
| Normal Max:24         | 3Reagent (End2.dif Only) |                           | wavelength2:              |                  |     |
| Normal Min:0          |                          |                           |                           |                  |     |
| Calibration number    |                          | 1                         | Calibration Point / Curve | Cuv Blank:       | 0   |
| Volumes (micro liter) |                          | CK-MB <sub>(double)</sub> |                           | Times (sec)      |     |
| Sample Volume         | 20                       |                           |                           | Read Time        | 0   |
| Reagent 1 Volume      | 200                      |                           |                           | 2nd Time         | 120 |
| Reagent 2 Volume      | 50                       |                           |                           | 3rd Time         | 300 |
| Reagent 3 Volume      | 0                        |                           |                           | Read Time        | 0   |

|                       |                          |                           |                           |                  |     |
|-----------------------|--------------------------|---------------------------|---------------------------|------------------|-----|
| TEST:CK-MB            | End Point                | Sample Blank              | Standard:0                | ✓ Sever Washing  |     |
|                       | End Point(2)             | Double Reading            | Factor:6000               | ✓ Sensitive      |     |
| Unit:U/l              | ●Kinetic                 | 2Reagent                  | Od Bias:0                 | Acid Wash        |     |
|                       | Delta                    |                           | Od Fact:1                 | ✓ photosensitive |     |
|                       | Differential             |                           |                           | Stir level:2     |     |
| Dilute Limit:318      | Reagent 1 mix(All Test)  |                           | wavelength1:340           | Bichromatic      |     |
| Normal Max:24         | 3Reagent (End2.dif Only) |                           | wavelength2:              |                  |     |
| Normal Min:0          |                          |                           |                           |                  |     |
| Calibration number    |                          | 1                         | Calibration Point / Curve | Cuv Blank:       | 0   |
| Volumes (micro liter) |                          | CK-MB <sub>(single)</sub> |                           | Times (sec)      |     |
| Sample Volume         | 20                       |                           |                           | Read Time        | 0   |
| Reagent 1 Volume      | 250                      |                           |                           | 2nd Time         | 120 |
| Reagent 2 Volume      | 0                        |                           |                           | 3rd Time         | 300 |
| Reagent 3 Volume      | 0                        |                           |                           | Read Time        | 0   |

|                       |                          |                |                           |                  |            |        |   |
|-----------------------|--------------------------|----------------|---------------------------|------------------|------------|--------|---|
| TEST:CREATININE JAFFE | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing  |            |        |   |
|                       | End Point(2)             | Double Reading | Factor:71.8               | ✓ Sensitive      |            |        |   |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash        |            |        |   |
|                       | ●Delta                   |                | Od Fact:1                 | ✓ photosensitive |            |        |   |
|                       | Differential             |                |                           | Stir level:2     |            |        |   |
| Dilute Limit:15       | ●Reagent 1 mix(All Test) |                | wavelength1:500           | Bichromatic      |            |        |   |
| Normal Max:1.4        | 3Reagent (End2.dif Only) |                | wavelength2:              |                  |            |        |   |
| Normal Min:0.6        |                          |                |                           |                  |            |        |   |
| Calibration number    |                          | 1              | Calibration Point / Curve |                  | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | Times (sec)               |                  |            |        |   |
| Sample Volume         | 20                       | ▲<br>▼         | CR <sub>(double)</sub>    | Read Time        | 0          | ▲<br>▼ |   |
| Reagent 1 Volume      | 100                      | ▲<br>▼         |                           | 2nd Time         | 30         | ▲<br>▼ |   |
| Reagent 2 Volume      | 100                      | ▲<br>▼         |                           | 3rd Time         | 120        | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time        | 0          | ▲<br>▼ |   |

|                       |                          |                |                           |                  |            |        |   |
|-----------------------|--------------------------|----------------|---------------------------|------------------|------------|--------|---|
| TEST:CREATININE JAFFE | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing  |            |        |   |
|                       | End Point(2)             | Double Reading | Factor:71.8               | ✓ Sensitive      |            |        |   |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash        |            |        |   |
|                       | ●Delta                   |                | Od Fact:1                 | ✓ photosensitive |            |        |   |
|                       | Differential             |                |                           | Stir level:2     |            |        |   |
| Dilute Limit:15       | Reagent 1 mix(All Test)  |                | wavelength1:500           | Bichromatic      |            |        |   |
| Normal Max:1.4        | 3Reagent (End2.dif Only) |                | wavelength2:              |                  |            |        |   |
| Normal Min:0.6        |                          |                |                           |                  |            |        |   |
| Calibration number    |                          | 1              | Calibration Point / Curve |                  | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | Times (sec)               |                  |            |        |   |
| Sample Volume         | 20                       | ▲<br>▼         | CR <sub>(single)</sub>    | Read Time        | 0          | ▲<br>▼ |   |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           | 2nd Time         | 30         | ▲<br>▼ |   |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           | 3rd Time         | 120        | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time        | 0          | ▲<br>▼ |   |

|                       |                          |                |                           |                 |            |     |        |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|-----|--------|
| TEST:CRP              | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing |            |     |        |
|                       | ● End Point(2)           | Double Reading | Factor:1                  | ✓ Sensitive     |            |     |        |
| Unit:mg/l             | Kinetic                  | 2Reagent       | Od Bias:0                 | ✓ Acid Wash     |            |     |        |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |     |        |
|                       | Differential             |                |                           | Stir level:2    |            |     |        |
| Dilute Limit:100      | Reagent 1 mix(All Test)  |                | wavelength1:578           | Bichromatic     |            |     |        |
| Normal Max:6          | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |     |        |
| Normal Min:0          |                          |                |                           |                 |            |     |        |
| Calibration number    |                          | 5              | Calibration Point / Curve |                 | Cuv Blank: |     | 0      |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |     |        |
| Sample Volume         | 2                        | ▲<br>▼         | CRP (double)              |                 | Read Time  | 0   | ▲<br>▼ |
| Reagent 1 Volume      | 160                      | ▲<br>▼         |                           |                 | 2nd Time   | 120 | ▲<br>▼ |
| Reagent 2 Volume      | 40                       | ▲<br>▼         |                           |                 | Read Time  | 300 | ▲<br>▼ |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           |                 | Read Time  | 0   | ▲<br>▼ |

|                       |                           |                |                           |                 |            |     |        |
|-----------------------|---------------------------|----------------|---------------------------|-----------------|------------|-----|--------|
| TEST:CRP              | End Point                 | Sample Blank   | Standard:0                | ✓ Sever Washing |            |     |        |
|                       | End Point(2)              | Double Reading | Factor:1                  | ✓ Sensitive     |            |     |        |
| Unit:mg/l             | Kinetic                   | 2Reagent       | Od Bias:0                 | ✓ Acid Wash     |            |     |        |
|                       | ● Delta                   |                | Od Fact:1                 | photosensitive  |            |     |        |
|                       | Differential              |                |                           | Stir level:2    |            |     |        |
| Dilute Limit:320      | ● Reagent 1 mix(All Test) |                | wavelength1:578           | Bichromatic     |            |     |        |
| Normal Max:6          | 3Reagent (End2.dif Only)  |                | wavelength2:              |                 |            |     |        |
| Normal Min:0          |                           |                |                           |                 |            |     |        |
| Calibration number    |                           | 6              | Calibration Point / Curve |                 | Cuv Blank: |     | 0      |
| Volumes (micro liter) |                           |                | Times (sec)               |                 |            |     |        |
| Sample Volume         | 2                         | ▲<br>▼         | CRPHL (double)            |                 | 3rd Reag   | 0   | ▲<br>▼ |
| Reagent 1 Volume      | 160                       | ▲<br>▼         |                           |                 | Firt Read  | 30  | ▲<br>▼ |
| Reagent 2 Volume      | 40                        | ▲<br>▼         |                           |                 | Last Read  | 300 | ▲<br>▼ |
| Reagent 3 Volume      | 0                         | ▲<br>▼         |                           |                 | Read Time  | 0   | ▲<br>▼ |

|                       |                           |                |                           |                 |     |        |
|-----------------------|---------------------------|----------------|---------------------------|-----------------|-----|--------|
| TEST:GGT              | End Point                 | Sample Blank   | Standard:0                | ✓ Sever Washing |     |        |
|                       | End Point(2)              | Double Reading | Factor:2617               | ✓ Sensitive     |     |        |
| Unit:U/l              | ● Kinetic                 | 2Reagent       | Od Bias:0                 | Acid Wash       |     |        |
|                       | Delta                     |                | Od Fact:1                 | photosensitive  |     |        |
|                       | Differential              |                |                           | Stir level:2    |     |        |
| Dilute Limit:300      | ● Reagent 1 mix(All Test) |                | wavelength1:405           | Bichromatic     |     |        |
| Normal Max:50         |                           |                |                           |                 |     |        |
| Normal Min:7          | 3Reagent (End2.dif Only)  |                | wavelength2:              |                 |     |        |
| Calibration number    |                           | 1              | Calibration Point / Curve | Cuv Blank:      | 0   |        |
| Volumes (micro liter) |                           |                | Times (sec)               |                 |     |        |
| Sample Volume         | 20                        | ▲<br>▼         | GGT (double)              | Read Time       | 0   | ▲<br>▼ |
| Reagent 1 Volume      | 160                       | ▲<br>▼         |                           | 2nd Time        | 60  | ▲<br>▼ |
| Reagent 2 Volume      | 40                        | ▲<br>▼         |                           | 3rd Time        | 240 | ▲<br>▼ |
| Reagent 3 Volume      | 0                         | ▲<br>▼         |                           | Read Time       | 0   | ▲<br>▼ |

|                       |                          |                |                           |                 |     |        |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|-----|--------|
| TEST:GGT              | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing |     |        |
|                       | End Point(2)             | Double Reading | Factor:2617               | ✓ Sensitive     |     |        |
| Unit:U/l              | ● Kinetic                | 2Reagent       | Od Bias:0                 | Acid Wash       |     |        |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |     |        |
|                       | Differential             |                |                           | Stir level:2    |     |        |
| Dilute Limit:300      | Reagent 1 mix(All Test)  |                | wavelength1:405           | Bichromatic     |     |        |
| Normal Max:50         |                          |                |                           |                 |     |        |
| Normal Min:7          | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |     |        |
| Calibration number    |                          | 1              | Calibration Point / Curve | Cuv Blank:      | 0   |        |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |     |        |
| Sample Volume         | 20                       | ▲<br>▼         | GGT (single)              | Read Time       | 0   | ▲<br>▼ |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           | 2nd Time        | 60  | ▲<br>▼ |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           | 3rd Time        | 240 | ▲<br>▼ |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0   | ▲<br>▼ |

|                       |                          |                |                           |                 |            |     |        |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|-----|--------|
| TEST:GLUCOSE          | ● End Point              | Sample Blank   | Standard:0                | ✓ Sever Washing |            |     |        |
|                       | End Point(2)             | Double Reading | Factor:466                | ✓ Sensitive     |            |     |        |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash       |            |     |        |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |     |        |
|                       | Differential             |                |                           | Stir level:2    |            |     |        |
| Dilute Limit:400      | Reagent 1 mix(All Test)  |                | wavelength1:500           | Bichromatic     |            |     |        |
| Normal Max:115        |                          |                |                           |                 |            |     |        |
| Normal Min:70         | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |     |        |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |     | 0      |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |     |        |
| Sample Volume         | 2                        | ▲<br>▼         | <b>GLUCOSE</b>            |                 | Read Time  | 600 | ▲<br>▼ |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           |                 | 2nd Time   | 0   | ▲<br>▼ |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           |                 | 3rd Time   | 0   | ▲<br>▼ |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           |                 | Read Time  | 0   | ▲<br>▼ |
|                       |                          |                |                           |                 |            |     |        |

|                       |                          |                |                           |                 |            |     |        |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|-----|--------|
| TEST:COPPER           | ● End Point              | Sample Blank   | Standard:0                | ✓ Sever Washing |            |     |        |
|                       | End Point(2)             | Double Reading | Factor:12400              | ✓ Sensitive     |            |     |        |
| Unit:µg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | ✓ Acid Wash     |            |     |        |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |     |        |
|                       | Differential             |                |                           | Stir level:2    |            |     |        |
| Dilute Limit:500      | Reagent 1 mix(All Test)  |                | wavelength1:550           | Bichromatic     |            |     |        |
| Normal Max:70         |                          |                |                           |                 |            |     |        |
| Normal Min:155        | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |     |        |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |     | 0      |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |     |        |
| Sample Volume         | 10                       | ▲<br>▼         | <b>COPPER</b>             |                 | Read Time  | 300 | ▲<br>▼ |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           |                 | 2nd Time   | 0   | ▲<br>▼ |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           |                 | 3rd Time   | 0   | ▲<br>▼ |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           |                 | Read Time  | 0   | ▲<br>▼ |
|                       |                          |                |                           |                 |            |     |        |

|                       |                          |                |                           |                 |            |        |   |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|--------|---|
| TEST:HDL              | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |   |
|                       | ● End Point(2)           | Double Reading | Factor:803                | ✓ Sensitive     |            |        |   |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash       |            |        |   |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |        |   |
|                       | Differential             |                |                           | Stir level:2    |            |        |   |
| Dilute Limit:100      | Reagent 1 mix(All Test)  |                | wavelength1:578           | Bichromatic     |            |        |   |
| Normal Max:65         | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |        |   |
| Normal Min:35         |                          |                |                           |                 |            |        |   |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |        |   |
| Sample Volume         | 2                        | ▲<br>▼         | HDL                       | Read Time       | 0          | ▲<br>▼ |   |
| Reagent 1 Volume      | 180                      | ▲<br>▼         |                           | 2nd Time        | 300        | ▲<br>▼ |   |
| Reagent 2 Volume      | 60                       | ▲<br>▼         |                           | 3rd Time        | 600        | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |   |

|                       |                          |                |                           |                 |            |        |   |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|--------|---|
| TEST:LDL              | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |   |
|                       | End Point(2)             | Double Reading | Factor:484                | ✓ Sensitive     |            |        |   |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash       |            |        |   |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |        |   |
|                       | ● Differential           |                |                           | Stir level:2    |            |        |   |
| Dilute Limit:400      | Reagent 1 mix(All Test)  |                | wavelength1:578           | Bichromatic     |            |        |   |
| Normal Max:130        | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |        |   |
| Normal Min:0          |                          |                |                           |                 |            |        |   |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |        |   |
| Sample Volume         | 2                        | ▲<br>▼         | LDL                       | Read Time       | 0          | ▲<br>▼ |   |
| Reagent 1 Volume      | 180                      | ▲<br>▼         |                           | 2nd Time        | 300        | ▲<br>▼ |   |
| Reagent 2 Volume      | 60                       | ▲<br>▼         |                           | 3rd Time        | 600        | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |   |

|                       |                          |                |                           |                 |            |        |   |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|--------|---|
| TEST:IgA              | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |   |
|                       | End Point(2)             | Double Reading | Factor:10                 | ✓ Sensitive     |            |        |   |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash       |            |        |   |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |        |   |
|                       | ● Differential           |                |                           | Stir level:2    |            |        |   |
| Dilute Limit:600      | Reagent 1 mix(All Test)  |                | wavelength1:578           | Bichromatic     |            |        |   |
| Normal Max:400        | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |        |   |
| Normal Min:70         |                          |                |                           |                 |            |        |   |
| Calibration number    |                          | 6              | Calibration Point / Curve |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |        |   |
| Sample Volume         | 2                        | ▲<br>▼         | IGA                       | Read Time       | 0          | ▲<br>▼ |   |
| Reagent 1 Volume      | 160                      | ▲<br>▼         |                           | 2nd Time        | 300        | ▲<br>▼ |   |
| Reagent 2 Volume      | 40                       | ▲<br>▼         |                           | 3rd Time        | 600        | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |   |

|                       |                          |                |                           |                 |            |        |   |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|--------|---|
| TEST:IgG              | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |   |
|                       | End Point(2)             | Double Reading | Factor:10                 | ✓ Sensitive     |            |        |   |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash       |            |        |   |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |        |   |
|                       | ● Differential           |                |                           | Stir level:2    |            |        |   |
| Dilute Limit:2000     | Reagent 1 mix(All Test)  |                | wavelength1:578           | Bichromatic     |            |        |   |
| Normal Max:1600       | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |        |   |
| Normal Min:700        |                          |                |                           |                 |            |        |   |
| Calibration number    |                          | 5              | Calibration Point / Curve |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |        |   |
| Sample Volume         | 2                        | ▲<br>▼         | IGG                       | Read Time       | 0          | ▲<br>▼ |   |
| Reagent 1 Volume      | 240                      | ▲<br>▼         |                           | 2nd Time        | 300        | ▲<br>▼ |   |
| Reagent 2 Volume      | 60                       | ▲<br>▼         |                           | 3rd Time        | 600        | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |   |

|                       |                          |                |                           |                 |            |        |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|--------|
| TEST:IgM              | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |
|                       | End Point(2)             | Double Reading | Factor:10                 | ✓ Sensitive     |            |        |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash       |            |        |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |        |
|                       | ● Differential           |                |                           | Stir level:2    |            |        |
| Dilute Limit:300      | Reagent 1 mix(All Test)  |                | wavelength1:340           | Bichromatic     |            |        |
| Normal Max:230        | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |        |
| Normal Min:40         |                          |                |                           |                 |            |        |
| Calibration number    |                          | 6              | Calibration Point / Curve |                 | Cuv Blank: | 0      |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |        |
| Sample Volume         | 2                        | ▲<br>▼         | IGM                       | Read Time       | 0          | ▲<br>▼ |
| Reagent 1 Volume      | 160                      | ▲<br>▼         |                           | 2nd Time        | 300        | ▲<br>▼ |
| Reagent 2 Volume      | 40                       | ▲<br>▼         |                           | 3rd Time        | 600        | ▲<br>▼ |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |

|                       |                          |                |                           |                 |            |        |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|--------|
| TEST:IRON             | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |
|                       | End Point(2)             | Double Reading | Factor:3185               | ✓ Sensitive     |            |        |
| Unit:µg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | ✓ Acid Wash     |            |        |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |        |
|                       | ● Differential           |                |                           | Stir level:2    |            |        |
| Dilute Limit:400      | Reagent 1 mix(All Test)  |                | wavelength1:578           | Bichromatic     |            |        |
| Normal Max:168        | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |        |
| Normal Min:35         |                          |                |                           |                 |            |        |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: | 0      |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |        |
| Sample Volume         | 20                       | ▲<br>▼         | IRON                      | Read Time       | 0          | ▲<br>▼ |
| Reagent 1 Volume      | 160                      | ▲<br>▼         |                           | 2nd Time        | 300        | ▲<br>▼ |
| Reagent 2 Volume      | 40                       | ▲<br>▼         |                           | 3rd Time        | 600        | ▲<br>▼ |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |

|                       |                          |                |                           |                 |            |        |   |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|--------|---|
| TEST:LACTATE          | ● End Point              | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |   |
|                       | End Point(2)             | Double Reading | Factor:10                 | ✓ Sensitive     |            |        |   |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash       |            |        |   |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |        |   |
|                       | Differential             |                |                           | Stir level:2    |            |        |   |
| Dilute Limit:140      | Reagent 1 mix(All Test)  |                | wavelength1:500           | Bichromatic     |            |        |   |
| Normal Max:19.8       |                          |                |                           |                 |            |        |   |
| Normal Min:4.5        | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |        |   |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |        |   |
| Sample Volume         | 2                        | ▲<br>▼         | <b>LACTATE</b>            | Read Time       | 300        | ▲<br>▼ |   |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           | 2nd Time        | 0          | ▲<br>▼ |   |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           | 3rd Time        | 0          | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |   |
|                       |                          |                |                           |                 |            |        |   |

|                       |                           |                |                           |                 |            |        |   |
|-----------------------|---------------------------|----------------|---------------------------|-----------------|------------|--------|---|
| TEST:LIPASE           | End Point                 | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |   |
|                       | End Point(2)              | Double Reading | Factor:4730               | ✓ Sensitive     |            |        |   |
| Unit:U/l              | ● Kinetic                 | 2Reagent       | Od Bias:0                 | ✓ Acid Wash     |            |        |   |
|                       | Delta                     |                | Od Fact:1                 | photosensitive  |            |        |   |
|                       | Differential              |                |                           | Stir level:2    |            |        |   |
| Dilute Limit:250      | ● Reagent 1 mix(All Test) |                | wavelength1:578           | Bichromatic     |            |        |   |
| Normal Max:60         |                           |                |                           |                 |            |        |   |
| Normal Min:0          | 3Reagent (End2.dif Only)  |                | wavelength2:              |                 |            |        |   |
| Calibration number    |                           | 1              | Calibration Point / Curve |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                           |                | Times (sec)               |                 |            |        |   |
| Sample Volume         | 2                         | ▲<br>▼         | <b>LIPASE</b>             | Read Time       | 0          | ▲<br>▼ |   |
| Reagent 1 Volume      | 180                       | ▲<br>▼         |                           | 2nd Time        | 60         | ▲<br>▼ |   |
| Reagent 2 Volume      | 36                        | ▲<br>▼         |                           | 3rd Time        | 180        | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                         | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |   |
|                       |                           |                |                           |                 |            |        |   |

|                       |                           |                         |                           |                 |              |
|-----------------------|---------------------------|-------------------------|---------------------------|-----------------|--------------|
| TEST:LDH              | End Point                 | Sample Blank            | Standard:0                | ✓ Sever Washing |              |
|                       | End Point(2)              | Double Reading          | Factor:21600              | ✓ Sensitive     |              |
| Unit:U/l              | ● Kinetic                 | 2Reagent                | Od Bias:0                 | Acid Wash       |              |
|                       | Delta                     |                         | Od Fact:1                 | photosensitive  |              |
|                       | Differential              |                         |                           | Stir level:2    |              |
| Dilute Limit:         | ● Reagent 1 mix(All Test) |                         | wavelength1:340           | Bichromatic     |              |
| Normal Max:           |                           |                         |                           |                 |              |
| Normal Min:           | 3Reagent (End2.dif Only)  |                         | wavelength2:              |                 |              |
| Calibration number    |                           | 1                       | Calibration Point / Curve |                 | Cuv Blank: 0 |
| Volumes (micro liter) |                           |                         | Times (sec)               |                 |              |
| Sample Volume         | 4                         | LDH <sub>(double)</sub> | Read Time                 | 0               |              |
| Reagent 1 Volume      | 160                       |                         | 2nd Time                  | 60              |              |
| Reagent 2 Volume      | 40                        |                         | 3rd Time                  | 240             |              |
| Reagent 3 Volume      | 0                         |                         | Read Time                 | 0               |              |

|                       |                          |                         |                           |                 |              |
|-----------------------|--------------------------|-------------------------|---------------------------|-----------------|--------------|
| TEST:LDH              | End Point                | Sample Blank            | Standard:0                | ✓ Sever Washing |              |
|                       | End Point(2)             | Double Reading          | Factor:21600              | ✓ Sensitive     |              |
| Unit:U/l              | ● Kinetic                | 2Reagent                | Od Bias:0                 | Acid Wash       |              |
|                       | Delta                    |                         | Od Fact:1                 | photosensitive  |              |
|                       | Differential             |                         |                           | Stir level:2    |              |
| Dilute Limit:1600     | Reagent 1 mix(All Test)  |                         | wavelength1:340           | Bichromatic     |              |
| Normal Max:530        |                          |                         |                           |                 |              |
| Normal Min:0          | 3Reagent (End2.dif Only) |                         | wavelength2:              |                 |              |
| Calibration number    |                          | 1                       | Calibration Point / Curve |                 | Cuv Blank: 0 |
| Volumes (micro liter) |                          |                         | Times (sec)               |                 |              |
| Sample Volume         | 4                        | LDH <sub>(single)</sub> | Read Time                 | 0               |              |
| Reagent 1 Volume      | 200                      |                         | 2nd Time                  | 60              |              |
| Reagent 2 Volume      | 0                        |                         | 3rd Time                  | 240             |              |
| Reagent 3 Volume      | 0                        |                         | Read Time                 | 0               |              |

|                       |                          |                |                           |                 |            |        |   |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|--------|---|
| TEST:MAGNESIUM        | ● End Point              | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |   |
|                       | End Point(2)             | Double Reading | Factor:17.332             | ✓ Sensitive     |            |        |   |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | ✓ Acid Wash     |            |        |   |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |        |   |
|                       | Differential             |                |                           | Stir level:2    |            |        |   |
| Dilute Limit:5        | Reagent 1 mix(All Test)  |                | wavelength1:550           | Bichromatic     |            |        |   |
| Normal Max:2.6        | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |        |   |
| Normal Min:1.8        |                          |                |                           |                 |            |        |   |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |        |   |
| Sample Volume         | 2                        | ▲<br>▼         | <b>MAGNESIUM</b>          | Read Time       | 300        | ▲<br>▼ |   |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           | 2nd Time        | 0          | ▲<br>▼ |   |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           | 3rd Time        | 0          | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |   |

|                       |                          |                |                           |                 |            |        |   |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|--------|---|
| TEST:MICRO ALBUMIN    | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |   |
|                       | End Point(2)             | Double Reading | Factor:10                 | ✓ Sensitive     |            |        |   |
| Unit:mg/l             | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash       |            |        |   |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |        |   |
|                       | ● Differential           |                |                           | Stir level:2    |            |        |   |
| Dilute Limit:290      | Reagent 1 mix(All Test)  |                | wavelength1:340           | Bichromatic     |            |        |   |
| Normal Max:30         | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |        |   |
| Normal Min:0          |                          |                |                           |                 |            |        |   |
| Calibration number    |                          | 6              | Calibration Point / Curve |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |        |   |
| Sample Volume         | 4                        | ▲<br>▼         | <b>M.ALB</b>              | Read Time       | 0          | ▲<br>▼ |   |
| Reagent 1 Volume      | 160                      | ▲<br>▼         |                           | 2nd Time        | 300        | ▲<br>▼ |   |
| Reagent 2 Volume      | 40                       | ▲<br>▼         |                           | 3rd Time        | 600        | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |   |

|                       |                          |                |                           |                 |            |        |   |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|--------|---|
| TEST:PHOSPHORUS       | ●End Point               | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |   |
|                       | End Point(2)             | Double Reading | Factor:27.05              | ✓ Sensitive     |            |        |   |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | ✓ Acid Wash     |            |        |   |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |        |   |
|                       | Differential             |                |                           | Stir level:2    |            |        |   |
| Dilute Limit:25       | Reagent 1 mix(All Test)  |                | wavelength1:340           | Bichromatic     |            |        |   |
| Normal Max:4.5        | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |        |   |
| Normal Min:2.6        |                          |                |                           |                 |            |        |   |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |        |   |
| Sample Volume         | 2                        | ▲<br>▼         | PHOSPHORUS                | Read Time       | 300        | ▲<br>▼ |   |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           | 2nd Time        | 0          | ▲<br>▼ |   |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           | 3rd Time        | 0          | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |   |
|                       |                          |                |                           |                 |            |        |   |

|                       |                          |                |                           |                 |            |        |   |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|--------|---|
| TEST:TIBC             | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing |            |        |   |
|                       | End Point(2)             | Double Reading | Factor:-547               | ✓ Sensitive     |            |        |   |
| Unit:µg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | ✓ Acid Wash     |            |        |   |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |        |   |
|                       | ●Differential            |                |                           | Stir level:2    |            |        |   |
| Dilute Limit:694      | Reagent 1 mix(All Test)  |                | wavelength1:630           | Bichromatic     |            |        |   |
| Normal Max:550        | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |        |   |
| Normal Min:150        |                          |                |                           |                 |            |        |   |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |        |   |
| Sample Volume         | 20                       | ▲<br>▼         | TIBC                      | Read Time       | 0          | ▲<br>▼ |   |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           | 2nd Time        | 300        | ▲<br>▼ |   |
| Reagent 2 Volume      | 60                       | ▲<br>▼         |                           | 3rd Time        | 600        | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           | Read Time       | 0          | ▲<br>▼ |   |
|                       |                          |                |                           |                 |            |        |   |

|                       |                          |                |                                      |                 |            |        |   |
|-----------------------|--------------------------|----------------|--------------------------------------|-----------------|------------|--------|---|
| TEST:RF               | End Point                | Sample Blank   | Standard:0                           | ✓ Sever Washing |            |        |   |
|                       | ●End Point(2)            | Double Reading | Factor:10                            | ✓ Sensitive     |            |        |   |
| Unit:IU/ml            | Kinetic                  | ■ 2Reagent     | Od Bias:0                            | ✓ Acid Wash     |            |        |   |
|                       | Delta                    |                | Od Fact:1                            | photosensitive  |            |        |   |
|                       | Differential             |                |                                      | Stir level:2    |            |        |   |
| Dilute Limit:130      | ●Reagent 1 mix(All Test) |                | wavelength1:578                      | Bichromatic     |            |        |   |
| Normal Max:20         |                          |                |                                      |                 |            |        |   |
| Normal Min:0          | 3Reagent (End2.dif Only) |                | wavelength2:                         |                 |            |        |   |
| Calibration number    |                          | 6              | Calibration Point / Curve            |                 | Cuv Blank: |        | 0 |
| Volumes (micro liter) |                          |                | <b>RF</b><br><small>(double)</small> | Times (sec)     |            |        |   |
| Sample Volume         | 5                        | ▲<br>▼         |                                      | Read Time       | 0          | ▲<br>▼ |   |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                                      | 2nd Time        | 120        | ▲<br>▼ |   |
| Reagent 2 Volume      | 50                       | ▲<br>▼         |                                      | Read Time       | 300        | ▲<br>▼ |   |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                                      | Read Time       | 0          | ▲<br>▼ |   |

|                       |                          |                |                           |                 |            |     |        |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|-----|--------|
| TEST:TOTAL PROTEIN    | ● End Point              | Sample Blank   | Standard:0                | ✓ Sever Washing |            |     |        |
|                       | End Point(2)             | Double Reading | Factor:24                 | ✓ Sensitive     |            |     |        |
| Unit:G/dl             | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash       |            |     |        |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |     |        |
|                       | Differential             |                |                           | Stir level:2    |            |     |        |
| Dilute Limit:14       | Reagent 1 mix(All Test)  |                | wavelength1:550           | Bichromatic     |            |     |        |
| Normal Max:8.8        | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |     |        |
| Normal Min:6.6        |                          |                |                           |                 |            |     |        |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |     | 0      |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |     |        |
| Sample Volume         | 5                        | ▲<br>▼         | TOTAL PRO                 |                 | Read Time  | 300 | ▲<br>▼ |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           |                 | 2nd Time   | 0   | ▲<br>▼ |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           |                 | 3rd Time   | 0   | ▲<br>▼ |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           |                 | Read Time  | 0   | ▲<br>▼ |

|                       |                          |                |                           |                 |            |     |        |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|-----|--------|
| TEST:TRIGLYCERIDES    | ● End Point              | Sample Blank   | Standard:0                | ✓ Sever Washing |            |     |        |
|                       | End Point(2)             | Double Reading | Factor:1267               | ✓ Sensitive     |            |     |        |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash       |            |     |        |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |     |        |
|                       | Differential             |                |                           | Stir level:2    |            |     |        |
| Dilute Limit:700      | Reagent 1 mix(All Test)  |                | wavelength1:500           | Bichromatic     |            |     |        |
| Normal Max:200        | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |     |        |
| Normal Min:0          |                          |                |                           |                 |            |     |        |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |     | 0      |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |     |        |
| Sample Volume         | 2                        | ▲<br>▼         | TRIGLYCERIDES             |                 | Read Time  | 600 | ▲<br>▼ |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           |                 | 2nd Time   | 0   | ▲<br>▼ |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           |                 | 3rd Time   | 0   | ▲<br>▼ |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           |                 | Read Time  | 0   | ▲<br>▼ |

|                       |                          |                          |                           |                 |     |
|-----------------------|--------------------------|--------------------------|---------------------------|-----------------|-----|
| TEST:UREA             | End Point                | Sample Blank             | Standard:0                | ✓ Sever Washing |     |
|                       | End Point(2)             | Double Reading           | Factor:1540               | ✓ Sensitive     |     |
| Unit:mg/dl            | Kinetic                  | 2Reagent                 | Od Bias:0                 | Acid Wash       |     |
|                       | ●Delta                   |                          | Od Fact:1                 | photosensitive  |     |
|                       | Differential             |                          |                           | Stir level:2    |     |
| Dilute Limit:200      | ●Reagent 1 mix(All Test) |                          | wavelength1:340           | Bichromatic     |     |
| Normal Max:44         | 3Reagent (End2.dif Only) |                          | wavelength2:              |                 |     |
| Normal Min:15         |                          |                          |                           |                 |     |
| Calibration number    |                          | 1                        | Calibration Point / Curve | Cuv Blank:      | 0   |
| Volumes (micro liter) |                          | UREA <sub>(double)</sub> |                           | Times (sec)     |     |
| Sample Volume         | 2                        |                          |                           | Read Time       | 0   |
| Reagent 1 Volume      | 160                      |                          |                           | 2nd Time        | 30  |
| Reagent 2 Volume      | 40                       |                          |                           | 3rd Time        | 120 |
| Reagent 3 Volume      | 0                        |                          |                           | Read Time       | 0   |

|                       |                          |                          |                           |                 |     |
|-----------------------|--------------------------|--------------------------|---------------------------|-----------------|-----|
| TEST:UREA             | End Point                | Sample Blank             | Standard:0                | ✓ Sever Washing |     |
|                       | End Point(2)             | Double Reading           | Factor:1540               | ✓ Sensitive     |     |
| Unit:mg/dl            | Kinetic                  | 2Reagent                 | Od Bias:0                 | Acid Wash       |     |
|                       | ●Delta                   |                          | Od Fact:1                 | photosensitive  |     |
|                       | Differential             |                          |                           | Stir level:2    |     |
| Dilute Limit:200      | Reagent 1 mix(All Test)  |                          | wavelength1:340           | Bichromatic     |     |
| Normal Max:44         | 3Reagent (End2.dif Only) |                          | wavelength2:              |                 |     |
| Normal Min:15         |                          |                          |                           |                 |     |
| Calibration number    |                          | 1                        | Calibration Point / Curve | Cuv Blank:      | 0   |
| Volumes (micro liter) |                          | UREA <sub>(single)</sub> |                           | Times (sec)     |     |
| Sample Volume         | 2                        |                          |                           | Read Time       | 0   |
| Reagent 1 Volume      | 200                      |                          |                           | 2nd Time        | 30  |
| Reagent 2 Volume      | 0                        |                          |                           | 3rd Time        | 120 |
| Reagent 3 Volume      | 0                        |                          |                           | Read Time       | 0   |

|                       |                          |                |                           |                 |            |     |        |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|-----|--------|
| TEST:URIC ACID        | ●End Point               | Sample Blank   | Standard:0                | ✓ Sever Washing |            |     |        |
|                       | End Point(2)             | Double Reading | Factor:100                | ✓ Sensitive     |            |     |        |
| Unit:mg/dl            | Kinetic                  | ■ 2Reagent     | Od Bias:0                 | Acid Wash       |            |     |        |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |     |        |
|                       | Differential             |                |                           | Stir level:2    |            |     |        |
| Dilute Limit:15       | ●Reagent 1 mix(All Test) |                | wavelength1:550           | Bichromatic     |            |     |        |
| Normal Max:8.2        | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |     |        |
| Normal Min:2.3        |                          |                |                           |                 |            |     |        |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |     | 0      |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |     |        |
| Sample Volume         | 5                        | ▲<br>▼         | U.A <sub>(double)</sub>   |                 | Read Time  | 300 | ▲<br>▼ |
| Reagent 1 Volume      | 100                      | ▲<br>▼         |                           |                 | 2nd Time   | 0   | ▲<br>▼ |
| Reagent 2 Volume      | 100                      | ▲<br>▼         |                           |                 | 3rd Time   | 0   | ▲<br>▼ |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           |                 | Read Time  | 0   | ▲<br>▼ |

|                       |                          |                |                           |                 |            |     |        |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|-----|--------|
| TEST:URIC ACID        | ●End Point               | Sample Blank   | Standard:0                | ✓ Sever Washing |            |     |        |
|                       | End Point(2)             | Double Reading | Factor:100                | ✓ Sensitive     |            |     |        |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash       |            |     |        |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |     |        |
|                       | Differential             |                |                           | Stir level:2    |            |     |        |
| Dilute Limit:15       | Reagent 1 mix(All Test)  |                | wavelength1:550           | Bichromatic     |            |     |        |
| Normal Max:8.2        | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |     |        |
| Normal Min:2.3        |                          |                |                           |                 |            |     |        |
| Calibration number    |                          | 1              | Calibration Point / Curve |                 | Cuv Blank: |     | 0      |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |     |        |
| Sample Volume         | 5                        | ▲<br>▼         | U.A <sub>(single)</sub>   |                 | Read Time  | 300 | ▲<br>▼ |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           |                 | 2nd Time   | 0   | ▲<br>▼ |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           |                 | 3rd Time   | 0   | ▲<br>▼ |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           |                 | Read Time  | 0   | ▲<br>▼ |

|                       |                          |                |                           |                 |            |     |        |
|-----------------------|--------------------------|----------------|---------------------------|-----------------|------------|-----|--------|
| TEST:URINE PROTEIN    | End Point                | Sample Blank   | Standard:0                | ✓ Sever Washing |            |     |        |
|                       | End Point(2)             | Double Reading | Factor:10                 | ✓ Sensitive     |            |     |        |
| Unit:mg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | Acid Wash       |            |     |        |
|                       | Delta                    |                | Od Fact:1                 | photosensitive  |            |     |        |
|                       | ●Differential            |                |                           | Stir level:2    |            |     |        |
| Dilute Limit:200      | Reagent 1 mix(All Test)  |                | wavelength1:500           | Bichromatic     |            |     |        |
| Normal Max:15         | 3Reagent (End2.dif Only) |                | wavelength2:              |                 |            |     |        |
| Normal Min:0          |                          |                |                           |                 |            |     |        |
| Calibration number    |                          | 6              | Calibration Point / Curve |                 | Cuv Blank: |     | 0      |
| Volumes (micro liter) |                          |                | Times (sec)               |                 |            |     |        |
| Sample Volume         | 16                       | ▲<br>▼         | URINE PRO                 |                 | Read Time  | 0   | ▲<br>▼ |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           |                 | 2nd Time   | 300 | ▲<br>▼ |
| Reagent 2 Volume      | 100                      | ▲<br>▼         |                           |                 | 3rd Time   | 600 | ▲<br>▼ |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           |                 | Read Time  | 0   | ▲<br>▼ |

|                       |                          |                |                           |                  |            |     |        |
|-----------------------|--------------------------|----------------|---------------------------|------------------|------------|-----|--------|
| TEST:ZINC             | ●End Point               | Sample Blank   | Standard:0                | ✓ Sever Washing  |            |     |        |
|                       | End Point(2)             | Double Reading | Factor:2400               | ✓ Sensitive      |            |     |        |
| Unit:µg/dl            | Kinetic                  | 2Reagent       | Od Bias:0                 | ✓ Acid Wash      |            |     |        |
|                       | Delta                    |                | Od Fact:1                 | ✓ photosensitive |            |     |        |
|                       | Differential             |                |                           | Stir level:1     |            |     |        |
| Dilute Limit:500      | Reagent 1 mix(All Test)  |                | wavelength1:578           | Bichromatic      |            |     |        |
| Normal Max:127        | 3Reagent (End2.dif Only) |                | wavelength2:              |                  |            |     |        |
| Normal Min:76.2       |                          |                |                           |                  |            |     |        |
| Calibration number    |                          | 1              | Calibration Point / Curve |                  | Cuv Blank: |     | 0      |
| Volumes (micro liter) |                          |                | Times (sec)               |                  |            |     |        |
| Sample Volume         | 10                       | ▲<br>▼         | ZINC                      |                  | Read Time  | 300 | ▲<br>▼ |
| Reagent 1 Volume      | 200                      | ▲<br>▼         |                           |                  | 2nd Time   | 0   | ▲<br>▼ |
| Reagent 2 Volume      | 0                        | ▲<br>▼         |                           |                  | 3rd Time   | 0   | ▲<br>▼ |
| Reagent 3 Volume      | 0                        | ▲<br>▼         |                           |                  | Read Time  | 0   | ▲<br>▼ |