

# TruLab L Level 2

**LOT** 30762

Cat. No. 5 9030 99 10 065 ( 3 x 3 mL)



2024-02-29



Updated sheets: [www.diasys-diagnostics.com/service-area/value-sheets/](http://www.diasys-diagnostics.com/service-area/value-sheets/)

Value sheet version: 2

| Short Name / Analyte   | Method                          | Reagent ID         | Value                 | Range                                       | Unit                   |
|--|---------------------------------|--------------------|-----------------------|---|------------------------|
| <b>APOA1</b><br>Apolipoprotein A1                                    | Immunoturbidimetric             | 1 7102             | 203<br>2.03           | 162 - 244<br>1.62 - 2.44                    | mg/dL<br>g/L           |
| <b>APOB</b><br>Apolipoprotein B                                      | Immunoturbidimetric             | 1 7112             | 157<br>1.57           | 125 - 188<br>1.25 - 1.88                    | mg/dL<br>g/L           |
| <b>CHOL</b><br>Cholesterol   | CHOD-PAP                        | 1 1300 +<br>1 1350 | 289<br>7.47<br>2.89   | 248 - 329<br>6.42 - 8.51<br>2.48 - 3.29     | mg/dL<br>mmol/L<br>g/L |
| <b>HDLC</b><br>HDL-Cholesterol                                       | Immuno-inhibition               | 1 3521             | 70.9<br>1.83<br>0.709 | 56.7 - 85.1<br>1.47 - 2.20<br>0.567 - 0.851 | mg/dL<br>mmol/L<br>g/L |
|  | Direct, colorimetric            | 1 3561             | 71.3<br>1.84<br>0.713 | 57.0 - 85.5<br>1.47 - 2.21<br>0.570 - 0.855 | mg/dL<br>mmol/L<br>g/L |
|  | CHOD-PAP Precipitant            | 1 1300 +<br>1 3540 | 62.7<br>1.62<br>0.627 | 50.1 - 75.2<br>1.30 - 1.95<br>0.501 - 0.752 | mg/dL<br>mmol/L<br>g/L |
| <b>LDLC</b><br>LDL-Cholesterol                                       | Homogenous Select, TruCal Lipid | 1 4121             | 158<br>4.09<br>1.58   | 127 - 190<br>3.27 - 4.91<br>1.27 - 1.90     | mg/dL<br>mmol/L<br>g/L |
|  | Direct, colorimetric            | 1 4131             | 173<br>4.47<br>1.73   | 138 - 208<br>3.58 - 5.37<br>1.38 - 2.08     | mg/dL<br>mmol/L<br>g/L |
|  | CHOD-PAP Precipitant            | 1 1300 +<br>1 4330 | 215<br>5.56<br>2.15   | 172 - 258<br>4.45 - 6.68<br>1.72 - 2.58     | mg/dL<br>mmol/L<br>g/L |
| <b>Lp-PLA<sub>2</sub></b><br>Lipoprotein-associated phospholipase A2 | Colorimetric                    | 1 7181             | 1076<br>17.9          | 861 - 1291<br>14.3 - 21.5                   | U/L<br>µkat/L          |
| <b>NEFA</b><br>Non-esterified fatty acids                            | Enzymatic                       | 1 5781             | 53.8<br>1.90<br>0.538 | 43.0 - 64.5<br>1.52 - 2.28<br>0.430 - 0.645 | mg/dL<br>mmol/L<br>g/L |
| <b>PL</b><br>Phospholipids   | Enzymatic                       | 1 5741             | 313<br>4.03<br>3.13   | 250 - 375<br>3.23 - 4.84<br>2.50 - 3.75     | mg/dL<br>mmol/L<br>g/L |
| <b>TRIG</b><br>Triglycerides   | GPO-PAP                         | 1 5760<br>1 5710   | 265<br>2.99<br>2.65   | 212 - 318<br>2.39 - 3.59<br>2.12 - 3.18     | mg/dL<br>mmol/L<br>g/L |



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[www.diasys-diagnostics.com](http://www.diasys-diagnostics.com)

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Cat. No. 5 9030 99 10 065 ( 3 x 3 mL)



2024-02-29

**respons<sup>®</sup>910**



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Value sheet version: 2

| Short Name / Analyte   | Method                          | Reagent ID       | Value        | Range                      | Unit            |
|--|---------------------------------|------------------|--------------|----------------------------|-----------------|
| <b>APOA1</b><br>Apolipoprotein A1                                    | Immunoturbidimetric             | 1 7102           | 203<br>2.03  | 162 - 244<br>1.62 - 2.44   | mg/dL<br>g/L    |
| <b>APOB</b><br>Apolipoprotein B                                      | Immunoturbidimetric             | 1 7112           | 157<br>1.57  | 125 - 188<br>1.25 - 1.88   | mg/dL<br>g/L    |
| <b>CHOL</b><br>Cholesterol   | CHOD-PAP                        | 1 1300 +         | 289          | 248 - 329                  | mg/dL           |
|  |                                 | 1 1350           | 7.47<br>2.89 | 6.42 - 8.51<br>2.48 - 3.29 | mmol/L<br>g/L   |
|  |                                 |                  |              |                            |                 |
| <b>HDLc</b><br>HDL-Cholesterol                                       | Immunoinhibition                | 1 3521           | 70.9<br>1.83 | 56.7 - 85.1<br>1.47 - 2.20 | mg/dL<br>mmol/L |
|  |                                 |                  | 0.709        | 0.567 - 0.851              | g/L             |
|  | Direct, colorimetric            | 1 3561           | 71.3<br>1.84 | 57.0 - 85.5<br>1.47 - 2.21 | mg/dL<br>mmol/L |
|  |                                 |                  | 0.713        | 0.570 - 0.855              | g/L             |
| <b>LDLc</b><br>LDL-Cholesterol                                       | Homogenous Select, TruCal Lipid | 1 4121           | 158<br>4.09  | 127 - 190<br>3.27 - 4.91   | mg/dL<br>mmol/L |
|  |                                 |                  | 1.58         | 1.27 - 1.90                | g/L             |
|  | Direct, colorimetric            | 1 4131           | 173<br>4.47  | 138 - 208<br>3.58 - 5.37   | mg/dL<br>mmol/L |
|  |                                 |                  | 1.73         | 1.38 - 2.08                | g/L             |
| <b>Lp-PLA<sub>2</sub></b><br>Lipoprotein-associated phospholipase A2 | Colorimetric                    | 1 7181           | 1076<br>17.9 | 861 - 1291<br>14.3 - 21.5  | U/L<br>μkat/L   |
|  |                                 |                  |              |                            |                 |
| <b>NEFA</b><br>Non-esterified fatty acids                            | Enzymatic                       | 1 5781           | 53.8<br>1.90 | 43.0 - 64.5<br>1.52 - 2.28 | mg/dL<br>mmol/L |
|  |                                 |                  | 0.538        | 0.430 - 0.645              | g/L             |
|  |                                 |                  |              |                            |                 |
| <b>PL</b><br>Phospholipids   | Enzymatic                       | 1 5741           | 313<br>4.03  | 250 - 375<br>3.23 - 4.84   | mg/dL<br>mmol/L |
|  |                                 |                  | 3.13         | 2.50 - 3.75                | g/L             |
|  |                                 |                  |              |                            |                 |
| <b>TRIG</b><br>Triglycerides   | GPO-PAP                         | 1 5760<br>1 5710 | 265<br>2.99  | 212 - 318<br>2.39 - 3.59   | mg/dL<br>mmol/L |
|  |                                 |                  | 2.65         | 2.12 - 3.18                | g/L             |
|  |                                 |                  |              |                            |                 |



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## TruLab L Level 2

LOT 30762

Cat. No. 5 9030 99 10 065 ( 3 x 3 mL)



2024-02-29

respons<sup>®</sup>920

IVD

Updated sheets: [www.diasys-diagnostics.com/service-area/value-sheets/](http://www.diasys-diagnostics.com/service-area/value-sheets/)

Value sheet version: 2

| Short Name / Analyte | Method                          | Reagent ID | Value | Range         | 1SD   | Unit   |
|----------------------|---------------------------------|------------|-------|---------------|-------|--------|
| <b>APOA1</b>         | Immunoturbidimetric             | 1 7102     | 203   | 162 - 244     | 13.5  | mg/dL  |
| Apolipoprotein A1    |                                 |            | 2.03  | 1.62 - 2.44   | 0.135 | g/L    |
| <b>APOB</b>          | Immunoturbidimetric             | 1 7112     | 157   | 125 - 188     | 10.4  | mg/dL  |
| Apolipoprotein B     |                                 |            | 1.57  | 1.25 - 1.88   | 0.104 | g/L    |
| <b>CHOL</b>          | CHOD-PAP                        | 1 1300 +   | 289   | 248 - 329     | 13.5  | mg/dL  |
| Cholesterol          |                                 | 1 1350     | 7.47  | 6.42 - 8.51   | 0.349 | mmol/L |
|                      |                                 |            | 2.89  | 2.48 - 3.29   | 0.135 | g/L    |
|                      |                                 |            |       |               |       |        |
| <b>HDLc</b>          | Immunoinhibition                | 1 3521     | 70.9  | 56.7 - 85.1   | 4.73  | mg/dL  |
| HDL-Cholesterol      |                                 |            | 1.83  | 1.47 - 2.20   | 0.122 | mmol/L |
|                      |                                 |            | 0.709 | 0.567 - 0.851 | 0.047 | g/L    |
|                      | Direct, colorimetric            | 1 3561     | 71.3  | 57.0 - 85.5   | 4.75  | mg/dL  |
|                      |                                 |            | 1.84  | 1.47 - 2.21   | 0.123 | mmol/L |
|                      |                                 |            | 0.713 | 0.570 - 0.855 | 0.048 | g/L    |
| <b>LDLc</b>          | Homogenous Select, TruCal Lipid | 1 4121     | 151   | 121 - 181     | 10.0  | mg/dL  |
| LDL-Cholesterol      |                                 |            | 3.90  | 3.12 - 4.68   | 0.260 | mmol/L |
|                      |                                 |            | 1.51  | 1.21 - 1.81   | 0.100 | g/L    |
|                      | Direct, colorimetric            | 1 4131     | 173   | 138 - 208     | 11.5  | mg/dL  |
|                      |                                 |            | 4.47  | 3.58 - 5.37   | 0.298 | mmol/L |
|                      |                                 |            | 1.73  | 1.38 - 2.08   | 0.115 | g/L    |
| <b>TRIG</b>          | GPO-PAP                         | 1 5760     | 265   | 212 - 318     | 17.7  | mg/dL  |
| Triglycerides        |                                 | 1 5710     | 2.99  | 2.39 - 3.59   | 0.199 | mmol/L |
|                      |                                 |            | 2.65  | 2.12 - 3.18   | 0.177 | g/L    |
|                      |                                 |            |       |               |       |        |




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# TruLab L Level 2

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Cat. No. 5 9030 99 10 065 ( 3 x 3 mL)

 2024-02-29

**respons<sup>®</sup>940**



Updated sheets: [www.diasys-diagnostics.com/service-area/value-sheets/](http://www.diasys-diagnostics.com/service-area/value-sheets/)

Value sheet version: 2

| Short Name / Analyte              | Method                          | Reagent ID | Value                 | Range                                       | 1SD                    | Unit  |
|-----------------------------------|---------------------------------|------------|-----------------------|---|------------------------|---|
| <b>APOA1</b><br>Apolipoprotein A1 | Immunoturbidimetric             | 1 7102     | 203<br>2.03           | 162 - 244<br>1.62 - 2.44                    | 13.5<br>0.135          | mg/dL<br>g/L                                |
| <b>APOB</b><br>Apolipoprotein B   | Immunoturbidimetric             | 1 7112     | 157<br>1.57           | 125 - 188<br>1.25 - 1.88                    | 10.4<br>0.104          | mg/dL<br>g/L                                |
| <b>CHOL</b><br>Cholesterol        | CHOD-PAP                        | 1 1300 +   | 289                   | 248 - 329                                   | 13.5                   | mg/dL                                       |
|                                   |                                 | 1 1350     | 7.47<br>2.89          | 6.42 - 8.51<br>2.48 - 3.29                  | 0.349<br>0.135         | mmol/L<br>g/L                               |
|                                   |                                 |            |                       |   |                        |   |
| <b>HDLc</b><br>HDL-Cholesterol    | Immunoinhibition                | 1 3521     | 70.9<br>1.83<br>0.709 | 56.7 - 85.1<br>1.47 - 2.20<br>0.567 - 0.851 | 4.73<br>0.122<br>0.047 | mg/dL<br>mmol/L<br>g/L                      |
|                                   |                                 |            | Direct, colorimetric  | 1 3561                                      | 71.3<br>1.84<br>0.713  | 57.0 - 85.5<br>1.47 - 2.21<br>0.570 - 0.855 |
|                                   | Homogenous Select, TruCal Lipid | 1 4121     | 151<br>3.90<br>1.51   | 121 - 181<br>3.12 - 4.68<br>1.21 - 1.81     | 10.0<br>0.260<br>0.100 | mg/dL<br>mmol/L<br>g/L                      |
|                                   |                                 |            | Direct, colorimetric  | 1 4131                                      | 173<br>4.47<br>1.73    | 138 - 208<br>3.58 - 5.37<br>1.38 - 2.08     |
| <b>TRIG</b><br>Triglycerides      | GPO-PAP                         | 1 5760     | 265                   | 212 - 318                                   | 17.7                   | mg/dL                                       |
|                                   |                                 | 1 5710     | 2.99<br>2.65          | 2.39 - 3.59<br>2.12 - 3.18                  | 0.199<br>0.177         | mmol/L<br>g/L                               |
|                                   |                                 |            |                       |   |                        |   |




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Cat. No. 5 9030 99 10 065 ( 3 x 3 mL)

 2024-02-29

## BioMajesty®



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Value sheet version: 2

| Short Name / Analyte       | Method                          | Reagent ID | Value | Range         | 1SD   | Unit   |
|----------------------------|---------------------------------|------------|-------|---------------|-------|--------|
| <b>APOA1</b>               | Immunoturbidimetric             | 1 7102     | 203   | 162 - 244     | 13.5  | mg/dL  |
| Apolipoprotein A1          |                                 |            | 2.03  | 1.62 - 2.44   | 0.135 | g/L    |
| <b>APOB</b>                | Immunoturbidimetric             | 1 7112     | 157   | 125 - 188     | 10.4  | mg/dL  |
| Apolipoprotein B           |                                 |            | 1.57  | 1.25 - 1.88   | 0.104 | g/L    |
| <b>CHOL</b>                | CHOD-PAP                        | 1 1300 +   | 289   | 248 - 329     | 13.5  | mg/dL  |
| Cholesterol                |                                 | 1 1350     | 7.47  | 6.42 - 8.51   | 0.349 | mmol/L |
|                            |                                 |            | 2.89  | 2.48 - 3.29   | 0.135 | g/L    |
|                            |                                 |            |       |               |       |        |
| <b>HDLC</b>                | Immunoinhibition                | 1 3521     | 70.9  | 56.7 - 85.1   | 4.73  | mg/dL  |
| HDL-Cholesterol            |                                 |            | 1.83  | 1.47 - 2.20   | 0.122 | mmol/L |
|                            |                                 |            | 0.709 | 0.567 - 0.851 | 0.047 | g/L    |
|                            | Direct, colorimetric            | 1 3561     | 71.3  | 57.0 - 85.5   | 4.75  | mg/dL  |
|                            |                                 |            | 1.84  | 1.47 - 2.21   | 0.123 | mmol/L |
|                            |                                 |            | 0.713 | 0.570 - 0.855 | 0.048 | g/L    |
| <b>LDLC</b>                | Homogenous Select, TruCal Lipid | 1 4121     | 158   | 127 - 190     | 10.5  | mg/dL  |
| LDL-Cholesterol            |                                 |            | 4.09  | 3.27 - 4.91   | 0.273 | mmol/L |
|                            |                                 |            | 1.58  | 1.27 - 1.90   | 0.105 | g/L    |
|                            | Direct, colorimetric            | 1 4131     | 173   | 138 - 208     | 11.5  | mg/dL  |
|                            |                                 |            | 4.47  | 3.58 - 5.37   | 0.298 | mmol/L |
|                            |                                 |            | 1.73  | 1.38 - 2.08   | 0.115 | g/L    |
| <b>NEFA</b>                | Enzymatic                       | 1 5781     | 53.8  | 43.0 - 64.5   | 3.59  | mg/dL  |
| Non-esterified fatty acids |                                 |            | 1.90  | 1.52 - 2.28   | 0.127 | mmol/L |
|                            |                                 |            | 0.538 | 0.430 - 0.645 | 0.036 | g/L    |
|                            |                                 |            |       |               |       |        |
| <b>PL</b>                  | Enzymatic                       | 1 5741     | 313   | 250 - 375     | 20.8  | mg/dL  |
| Phospholipids              |                                 |            | 4.03  | 3.23 - 4.84   | 0.269 | mmol/L |
|                            |                                 |            | 3.13  | 2.50 - 3.75   | 0.208 | g/L    |
|                            |                                 |            |       |               |       |        |
| <b>TRIG</b>                | GPO-PAP                         | 1 5760     | 265   | 212 - 318     | 17.7  | mg/dL  |
| Triglycerides              |                                 | 1 5710     | 2.99  | 2.39 - 3.59   | 0.199 | mmol/L |
|                            |                                 |            | 2.65  | 2.12 - 3.18   | 0.177 | g/L    |
|                            |                                 |            |       |               |       |        |



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