

## Value sheet of Mindray BS Measurement System

Русский: Таблица результатов для системы BS компании Mindray  
 Português: Planilha de valores do Sistema de Medição BS da Mindray  
 Español: Hoja de valores del sistema de medición Mindray BS  
 Italiano: Scheda dei valori del sistema di misurazione BS di Mindray  
 Türkçe: Mindray BS Ölçüm Sistemi'nin değer sayfası



**This Lot is the new version ApoB reagent, the updated calibrator value sheet is inside the box. Please select the corresponding value and update.**

### The data of each group is same.

Русский: Данные совпадают во всех группах.      Português: A dados de cada grupo é a mesma.  
 Español: la datos de cada grupo es la misma.      Italiano: la dati di ogni gruppo è la stessa.  
 Türkçe: her grubun veri aynıdır.

- |   |  |
|---|--|
| 1. <b>BS-120</b> : BS-120, BS-130;  | 11. <b>BS-380</b> : BS-380, BS-390;  |
| 2. <b>BS-180</b> : BS-180, BS-190;  | 12. <b>BS-400</b> : BS-400, BS-420;  |
| 3. <b>BS-200</b> : BS-200, BS-220;  | 13. <b>BS-430</b> : BS-430, BS-450, BS-460;                                    |
| 4. <b>BS-200E</b> : BS-200E, BS-220E;   | 14. <b>BS-480</b> : BS-480, BS-490;  |
| 5. <b>BS-230</b> : BS-230, BS-240;  | 15. <b>BS-600</b> : BS-600, BS-620;  |
| 6. <b>BS-240E</b> : BS-240E, BS-240Pro;   | 16. <b>BS-800</b> : BS-800, BS-820, BS-800M,<br>BS-820M, BS-1800, BS-1800plus; |
| 7. <b>BS-300</b> : BS-300, BS-320;  | 17. <b>BS-2000</b> : BS-2000, BS-2200,<br>BS-2000M, BS-2200M;                  |
| 8. <b>BS-330</b> : BS-330, BS-350;  | 18. <b>BS-2800M</b> : BS-2600M.  |
| 9. <b>BS-330E</b> : <b>BS-330E</b> (Serial Number starts with "XQ-"),<br><b>BS-350E</b> (Serial Number starts with "XS-");  |  |
| 10. <b>BS-360E</b> : BS-360E, BS-370E, BS-350S, BS-360S, <b>BS-330E(V35.00)</b><br>(Serial Number starts with "W8-" and software version starts with "35.00"), <b>BS-350E(V35.00)</b> (Serial Number starts with "W9-" and software version starts with "35.00"); |  |

19. **S1:0.9% NaCl, Conc. Of S1=0;**      Русский: S1: 0,9% NaCl, конц. S1=0;  
 Português: S1:0,9% NaCl, Conc. de S1=0;      Español: S1:0,9% NaCl, Conc. de S1=0;  
 Italiano: S1:0,9% NaCl, conc. di S1=0;      Türkçe: S1:%0,9 NaCl, S1 Kons.=0.

**LOT**: 150422003      : 2023-08-28

| Abbreviated name | Unit   | Calibration Value <sup>19</sup> |                             |                             |                              |                              |                               |
|------------------|--------|---------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|
| HDL-C            | mmol/L | <b>BS-120</b> <sup>1</sup>      | <b>BS-180</b> <sup>2</sup>  | <b>BS-200</b> <sup>3</sup>  | <b>BS-200E</b> <sup>4</sup>  | <b>BS-230</b> <sup>5</sup>   | <b>BS-240E</b> <sup>6</sup>   |
|                  |        | 1.70                            | 1.70                        | 1.65                        | 1.72                         | 1.70                         | 1.70                          |
|                  |        | <b>BS-300</b> <sup>7</sup>      | <b>BS-330</b> <sup>8</sup>  | <b>BS-330E</b> <sup>9</sup> | <b>BS-360E</b> <sup>10</sup> | <b>BS-380</b> <sup>11</sup>  | <b>BS-400</b> <sup>12</sup>   |
|                  |        | 1.72                            | 1.65                        | 1.72                        | 1.70                         | 1.72                         | 1.72                          |
|                  |        | <b>BS-430</b> <sup>13</sup>     | <b>BS-480</b> <sup>14</sup> | <b>BS-600</b> <sup>15</sup> | <b>BS-800</b> <sup>16</sup>  | <b>BS-2000</b> <sup>17</sup> | <b>BS-2800M</b> <sup>18</sup> |
|                  |        | 1.70                            | 1.70                        | 1.70                        | 1.70                         | 1.67                         | 1.70                          |
|                  | mg/dL  | <b>BS-120</b> <sup>1</sup>      | <b>BS-180</b> <sup>2</sup>  | <b>BS-200</b> <sup>3</sup>  | <b>BS-200E</b> <sup>4</sup>  | <b>BS-230</b> <sup>5</sup>   | <b>BS-240E</b> <sup>6</sup>   |
|                  |        | 65.7                            | 65.7                        | 63.8                        | 66.5                         | 65.7                         | 65.7                          |
|                  |        | <b>BS-300</b> <sup>7</sup>      | <b>BS-330</b> <sup>8</sup>  | <b>BS-330E</b> <sup>9</sup> | <b>BS-360E</b> <sup>10</sup> | <b>BS-380</b> <sup>11</sup>  | <b>BS-400</b> <sup>12</sup>   |
|                  |        | 66.5                            | 63.8                        | 66.5                        | 65.7                         | 66.5                         | 66.5                          |
|                  |        | <b>BS-430</b> <sup>13</sup>     | <b>BS-480</b> <sup>14</sup> | <b>BS-600</b> <sup>15</sup> | <b>BS-800</b> <sup>16</sup>  | <b>BS-2000</b> <sup>17</sup> | <b>BS-2800M</b> <sup>18</sup> |
|                  |        | 65.7                            | 65.7                        | 65.7                        | 65.7                         | 64.6                         | 65.7                          |
| LDL-C            | mmol/L | <b>BS-120</b> <sup>1</sup>      | <b>BS-180</b> <sup>2</sup>  | <b>BS-200</b> <sup>3</sup>  | <b>BS-200E</b> <sup>4</sup>  | <b>BS-230</b> <sup>5</sup>   | <b>BS-240E</b> <sup>6</sup>   |
|                  |        | 3.52                            | 3.52                        | 3.52                        | 3.74                         | 3.52                         | 3.74                          |
|                  |        | <b>BS-300</b> <sup>7</sup>      | <b>BS-330</b> <sup>8</sup>  | <b>BS-330E</b> <sup>9</sup> | <b>BS-360E</b> <sup>10</sup> | <b>BS-380</b> <sup>11</sup>  | <b>BS-400</b> <sup>12</sup>   |
|                  |        | 3.74                            | 3.52                        | 3.74                        | 3.74                         | 3.74                         | 3.74                          |
|                  |        | <b>BS-430</b> <sup>13</sup>     | <b>BS-480</b> <sup>14</sup> | <b>BS-600</b> <sup>15</sup> | <b>BS-800</b> <sup>16</sup>  | <b>BS-2000</b> <sup>17</sup> | <b>BS-2800M</b> <sup>18</sup> |
|                  |        | 3.74                            | 3.74                        | 3.74                        | 3.74                         | 3.69                         | 3.74                          |
|                  | mg/dL  | <b>BS-120</b> <sup>1</sup>      | <b>BS-180</b> <sup>2</sup>  | <b>BS-200</b> <sup>3</sup>  | <b>BS-200E</b> <sup>4</sup>  | <b>BS-230</b> <sup>5</sup>   | <b>BS-240E</b> <sup>6</sup>   |
|                  |        | 136                             | 136                         | 136                         | 145                          | 136                          | 145                           |
|                  |        | <b>BS-300</b> <sup>7</sup>      | <b>BS-330</b> <sup>8</sup>  | <b>BS-330E</b> <sup>9</sup> | <b>BS-360E</b> <sup>10</sup> | <b>BS-380</b> <sup>11</sup>  | <b>BS-400</b> <sup>12</sup>   |
|                  |        | 145                             | 136                         | 145                         | 145                          | 145                          | 145                           |
|                  |        | <b>BS-430</b> <sup>13</sup>     | <b>BS-480</b> <sup>14</sup> | <b>BS-600</b> <sup>15</sup> | <b>BS-800</b> <sup>16</sup>  | <b>BS-2000</b> <sup>17</sup> | <b>BS-2800M</b> <sup>18</sup> |
|                  |        | 145                             | 145                         | 145                         | 145                          | 143                          | 145                           |

# Lipids Calibrator

\*Please note the target value change



| Abbreviated name                                 |  | ApoA1                          | Calibration Rule |                              | Logit-Log(5P)    |                              |
|--|--|--------------------------------|------------------|------------------------------|------------------|------------------------------|
| Model  | Level  | Calibrator Value <sup>19</sup> |                  | Sample Vol for Dilution (μL) | Diluent Vol (μL) | Sample Vol For Analysis (μL) |
|  |  | g/L                            | μmol/L           |                              |                  |                              |
| BS-120 <sup>1</sup><br>R1: R2: S=<br>300: 100: 3 | S2   | 0.170                          | 6.07             | 20                           | 180              | 3                            |
|  | S3   | 0.440                          | 15.7             | 5                            | 194              | 32                           |
|  | S4   | 0.920                          | 32.8             | 9                            | 187              | 35                           |
|  | S5   | 1.55                           | 55.3             | 45                           | 180              | 12                           |
|  | S6   | 2.90                           | 104              | /                            | /                | 3.5                          |
|  | BS-180 <sup>2</sup><br>R1: R2: S=<br>300: 100: 3 | S2                             | 0.170            | 6.07                         | 20               | 180                          |
| S3   | 0.440  | 15.7                           | 5                | 194                          | 32               |                              |
| S4   | 0.920  | 32.8                           | 9                | 187                          | 35               |                              |
| S5   | 1.55   | 55.3                           | 45               | 180                          | 12               |                              |
| S6   | 2.90   | 104                            | /                | /                            | 3.5              |                              |
| BS-200 <sup>3</sup><br>R1: R2: S=<br>300: 100: 3 | S2   | 0.160                          | 5.71             | 20                           | 180              | 3                            |
| S3   | 0.490  | 17.5                           | 5                | 194                          | 32               |                              |
| S4   | 1.00   | 35.7                           | 9                | 187                          | 35               |                              |
| S5   | 1.69   | 60.3                           | 45               | 180                          | 12               |                              |
| S6   | 2.89   | 103                            | /                | /                            | 3.5              |                              |
| BS-200E <sup>4</sup><br>R1: R2: S=<br>200: 67: 2 | S2   | 0.130                          | 4.64             | 15                           | 135              | 2                            |
| S3   | 0.550  | 19.6                           | 45               | 135                          | 2                |                              |
| S4   | 1.16   | 41.4                           | 45               | 135                          | 4                |                              |
| S5   | 1.80   | 64.3                           | 35               | 140                          | 8                |                              |
| S6   | 2.90   | 104                            | /                | /                            | 2.3              |                              |
| BS-300 <sup>7</sup><br>R1: R2: S=<br>300: 100: 3 | S2   | 0.150                          | 5.36             | 20                           | 180              | 3                            |
| S3   | 0.480  | 17.1                           | 5                | 194                          | 32               |                              |
| S4   | 1.05   | 37.5                           | 9                | 187                          | 35               |                              |
| S5   | 1.82   | 65.0                           | 45               | 180                          | 12               |                              |
| S6   | 2.98   | 106                            | /                | /                            | 3.5              |                              |
| BS-330 <sup>8</sup><br>R1: R2: S=<br>300: 100: 3 | S2   | 0.160                          | 5.71             | 20                           | 180              | 3                            |
| S3   | 0.490  | 17.5                           | 5                | 194                          | 32               |                              |
| S4   | 1.00   | 35.7                           | 9                | 187                          | 35               |                              |
| S5   | 1.69   | 60.3                           | 45               | 180                          | 12               |                              |
| S6   | 2.89   | 103                            | /                | /                            | 3.5              |                              |
| BS-330E <sup>9</sup><br>R1: R2: S=<br>200: 67: 2 | S2   | 0.130                          | 4.64             | 15                           | 135              | 2                            |
| S3   | 0.550  | 19.6                           | 45               | 135                          | 2                |                              |
| S4   | 1.16   | 41.4                           | 45               | 135                          | 4                |                              |
| S5   | 1.80   | 64.3                           | 35               | 140                          | 8                |                              |
| S6   | 2.90   | 104                            | /                | /                            | 2.3              |                              |
| BS-380 <sup>11</sup><br>R1: R2: S=<br>200: 67: 2 | S2   | 0.130                          | 4.64             | 14                           | 126              | 2                            |
| S3   | 0.540  | 19.3                           | 40               | 120                          | 2                |                              |
| S4   | 1.10   | 39.3                           | 40               | 120                          | 4                |                              |
| S5   | 1.71   | 61.0                           | 30               | 120                          | 8                |                              |
| S6   | 2.90   | 104                            | /                | /                            | 2.3              |                              |
| BS-400 <sup>12</sup><br>R1: R2: S=<br>200: 67: 2 | S2   | 0.130                          | 4.64             | 14                           | 126              | 2                            |
| S3   | 0.530  | 18.9                           | 40               | 120                          | 2                |                              |
| S4   | 1.12   | 40.0                           | 40               | 120                          | 4                |                              |
| S5   | 1.77   | 63.2                           | 30               | 120                          | 8                |                              |
| S6   | 2.92   | 104                            | /                | /                            | 2.3              |                              |

★ Note: The following value is applicable to 141922001 and before ApoB reagents. ★

| Abbreviated name                                  | ApoB   | Calibration Rule               |        | Logit-Log(5P)                |                  |                              |
|---|--|--------------------------------|--------|------------------------------|------------------|------------------------------|
| Model   | Level  | Calibrator Value <sup>19</sup> |        | Sample Vol for Dilution (μL) | Diluent Vol (μL) | Sample Vol For Analysis (μL) |
|   |  | g/L                            | μmol/L |                              |                  |                              |
| BS-120 <sup>1</sup><br>R1: R2: S=<br>300: 100: 3  | S2   | 0.230                          | 0.449  | 45                           | 180              | 3                            |
|   | S3   | 0.430                          | 0.839  | 45                           | 180              | 6                            |
|   | S4   | 0.900                          | 1.76   | 45                           | 180              | 12                           |
|   | S5   | 1.27                           | 2.48   | /                            | /                | 3                            |
|   | S6   | 2.30                           | 4.49   | /                            | /                | 6                            |
|   | BS-180 <sup>2</sup><br>R1: R2: S=<br>300: 100: 3 | S2                             | 0.230  | 0.449                        | 45               | 180                          |
| S3  | 0.430  | 0.839                          | 45     | 180                          | 6                |                              |
| S4  | 0.900  | 1.76                           | 45     | 180                          | 12               |                              |
| S5  | 1.27   | 2.48                           | /      | /                            | 3                |                              |
| S6  | 2.30   | 4.49                           | /      | /                            | 6                |                              |
| BS-200 <sup>3</sup><br>R1: R2: S=<br>300: 100: 3  | S2   | 0.250                          | 0.488  | 45                           | 180              | 3                            |
| S3  | 0.460  | 0.897                          | 45     | 180                          | 6                |                              |
| S4  | 0.940  | 1.83                           | 45     | 180                          | 12               |                              |
| S5  | 1.32   | 2.57                           | /      | /                            | 3                |                              |
| S6  | 2.40   | 4.68                           | /      | /                            | 6                |                              |
| BS-200E <sup>4</sup><br>R1: R2: S=<br>300: 100: 3 | S2   | 0.220                          | 0.429  | 35                           | 140              | 3                            |
| S3  | 0.500  | 0.975                          | 35     | 140                          | 6                |                              |
| S4  | 0.970  | 1.89                           | 35     | 140                          | 12               |                              |
| S5  | 1.37   | 2.67                           | /      | /                            | 3                |                              |
| S6  | 2.52   | 4.91                           | /      | /                            | 6                |                              |
| BS-300 <sup>7</sup><br>R1: R2: S=<br>300: 100: 3  | S2   | 0.240                          | 0.468  | 45                           | 180              | 3                            |
| S3  | 0.500  | 0.975                          | 45     | 180                          | 6                |                              |
| S4  | 0.990  | 1.93                           | 45     | 180                          | 12               |                              |
| S5  | 1.38   | 2.69                           | /      | /                            | 3                |                              |
| S6  | 2.48   | 4.84                           | /      | /                            | 6                |                              |
| BS-330 <sup>8</sup><br>R1: R2: S=<br>300: 100: 3  | S2   | 0.250                          | 0.488  | 45                           | 180              | 3                            |
| S3  | 0.460  | 0.897                          | 45     | 180                          | 6                |                              |
| S4  | 0.940  | 1.83                           | 45     | 180                          | 12               |                              |
| S5  | 1.32   | 2.57                           | /      | /                            | 3                |                              |
| S6  | 2.40   | 4.68                           | /      | /                            | 6                |                              |
| BS-330E <sup>9</sup><br>R1: R2: S=<br>300: 100: 3 | S2   | 0.220                          | 0.429  | 35                           | 140              | 3                            |
| S3  | 0.500  | 0.975                          | 35     | 140                          | 6                |                              |
| S4  | 0.970  | 1.89                           | 35     | 140                          | 12               |                              |
| S5  | 1.37   | 2.67                           | /      | /                            | 3                |                              |
| S6  | 2.52   | 4.91                           | /      | /                            | 6                |                              |
| BS-380 <sup>11</sup><br>R1: R2: S=<br>200: 67: 2  | S2   | 0.220                          | 0.429  | 30                           | 120              | 2                            |
| S3  | 0.500  | 0.975                          | 30     | 120                          | 4                |                              |
| S4  | 0.970  | 1.89                           | 30     | 120                          | 8                |                              |
| S5  | 1.37   | 2.67                           | /      | /                            | 2                |                              |
| S6  | 2.52   | 4.91                           | /      | /                            | 4                |                              |
| BS-400 <sup>12</sup><br>R1: R2: S=<br>200: 67: 2  | S2   | 0.220                          | 0.429  | 30                           | 120              | 2                            |
| S3  | 0.490  | 0.956                          | 30     | 120                          | 4                |                              |
| S4  | 0.970  | 1.89                           | 30     | 120                          | 8                |                              |
| S5  | 1.35   | 2.63                           | /      | /                            | 2                |                              |
| S6  | 2.51   | 4.89                           | /      | /                            | 4                |                              |

★ Note: The following value is applicable to 141922002 and subsequent ApoB reagents. ★

| Abbreviated name                                  | ApoB   | Calibration Rule               |        | Logit-Log(5P)                |                  |                              |
|---|--|--------------------------------|--------|------------------------------|------------------|------------------------------|
| Model   | Level  | Calibrator Value <sup>19</sup> |        | Sample Vol for Dilution (μL) | Diluent Vol (μL) | Sample Vol For Analysis (μL) |
|   |  | g/L                            | μmol/L |                              |                  |                              |
| BS-120 <sup>1</sup><br>R1: R2: S=<br>300: 100: 3  | S2   | 0.210                          | 0.410  | 45                           | 180              | 3                            |
|   | S3   | 0.450                          | 0.878  | 45                           | 180              | 6                            |
|   | S4   | 0.920                          | 1.79   | 45                           | 180              | 12                           |
|   | S5   | 1.39                           | 2.71   | /                            | /                | 3                            |
|   | S6   | 2.70                           | 5.27   | /                            | /                | 6                            |
|   | BS-180 <sup>2</sup><br>R1: R2: S=<br>300: 100: 3 | S2                             | 0.210  | 0.410                        | 45               | 180                          |
| S3  | 0.450  | 0.878                          | 45     | 180                          | 6                |                              |
| S4  | 0.920  | 1.79                           | 45     | 180                          | 12               |                              |
| S5  | 1.39   | 2.71                           | /      | /                            | 3                |                              |
| S6  | 2.70   | 5.27                           | /      | /                            | 6                |                              |
| BS-200 <sup>3</sup><br>R1: R2: S=<br>300: 100: 3  | S2   | 0.240                          | 0.468  | 45                           | 180              | 3                            |
| S3  | 0.550  | 1.07                           | 45     | 180                          | 6                |                              |
| S4  | 0.980  | 1.91                           | 45     | 180                          | 12               |                              |
| S5  | 1.36   | 2.65                           | /      | /                            | 3                |                              |
| S6  | 2.70   | 5.27                           | /      | /                            | 6                |                              |
| BS-200E <sup>4</sup><br>R1: R2: S=<br>300: 100: 3 | S2   | 0.240                          | 0.468  | 35                           | 140              | 3                            |
| S3  | 0.510  | 0.995                          | 35     | 140                          | 6                |                              |
| S4  | 0.980  | 1.91                           | 35     | 140                          | 12               |                              |
| S5  | 1.42   | 2.77                           | /      | /                            | 3                |                              |
| S6  | 2.70   | 5.27                           | /      | /                            | 6                |                              |
| BS-300 <sup>7</sup><br>R1: R2: S=<br>300: 100: 3  | S2   | 0.240                          | 0.468  | 45                           | 180              | 3                            |
| S3  | 0.520  | 1.01                           | 45     | 180                          | 6                |                              |
| S4  | 1.00   | 1.95                           | 45     | 180                          | 12               |                              |
| S5  | 1.37   | 2.67                           | /      | /                            | 3                |                              |
| S6  | 2.70   | 5.27                           | /      | /                            | 6                |                              |
| BS-330 <sup>8</sup><br>R1: R2: S=<br>300: 100: 3  | S2   | 0.240                          | 0.468  | 45                           | 180              | 3                            |
| S3  | 0.550  | 1.07                           | 45     | 180                          | 6                |                              |
| S4  | 0.980  | 1.91                           | 45     | 180                          | 12               |                              |
| S5  | 1.36   | 2.65                           | /      | /                            | 3                |                              |
| S6  | 2.70   | 5.27                           | /      | /                            | 6                |                              |
| BS-330E <sup>9</sup><br>R1: R2: S=<br>300: 100: 3 | S2   | 0.240                          | 0.468  | 35                           | 140              | 3                            |
| S3  | 0.510  | 0.995                          | 35     | 140                          | 6                |                              |
| S4  | 0.980  | 1.91                           | 35     | 140                          | 12               |                              |
| S5  | 1.42   | 2.77                           | /      | /                            | 3                |                              |
| S6  | 2.70   | 5.27                           | /      | /                            | 6                |                              |
| BS-380 <sup>11</sup><br>R1: R2: S=<br>200: 67: 2  | S2   | 0.250                          | 0.488  | 30                           | 120              | 2                            |
| S3  | 0.540  | 1.05                           | 30     | 120                          | 4                |                              |
| S4  | 1.04   | 2.03                           | 30     | 120                          | 8                |                              |
| S5  | 1.43   | 2.79                           | /      | /                            | 2                |                              |
| S6  | 2.70   | 5.27                           | /      | /                            | 4                |                              |
| BS-400 <sup>12</sup><br>R1: R2: S=<br>200: 67: 2  | S2   | 0.240                          | 0.468  | 30                           | 120              | 2                            |
| S3  | 0.510  | 0.995                          | 30     | 120                          | 4                |                              |
| S4  | 1.02   | 1.99                           | 30     | 120                          | 8                |                              |
| S5  | 1.39   | 2.71                           | /      | /                            | 2                |                              |
| S6  | 2.70   | 5.27                           | /      | /                            | 4                |                              |

# Lipids Calibrator

\*Please note the target value change



| Abbreviated name                                   |   | ApoA1                          | Calibration Rule |                              | Logit-Log(5P)                |                  |
|--|---|--------------------------------|------------------|------------------------------|------------------------------|------------------|
| Model  | Level   | Calibrator Value <sup>19</sup> |                  | Sample Vol For Analysis (μL) | Sample Vol for Dilution (μL) | Diluent Vol (μL) |
|  |   | g/L                            | μmol/L           |                              |                              |                  |
| BS-230 <sup>5</sup><br>R1: R2: S=<br>200: 67: 2    | S2  | 0.150                          | 5.36             | 2                            | 13                           | 117              |
|  | S3  | 0.460                          | 16.4             | 23.8                         | 3                            | 129              |
|  | S4  | 0.980                          | 35.0             | 23.4                         | 6                            | 125              |
|  | S5  | 1.64                           | 58.5             | 8                            | 30                           | 120              |
|  | S6  | 2.90                           | 104              | 2.3                          | /                            | /                |
|  | BS-240E <sup>6</sup><br>R1: R2: S=<br>200: 67: 2  | S2                             | 0.130            | 4.64                         | 2                            | 13               |
| S3   |   | 0.560                          | 20.0             | 2                            | 34                           | 102              |
| S4   |   | 1.11                           | 39.6             | 4                            | 34                           | 102              |
| S5   |   | 1.65                           | 58.9             | 8                            | 25                           | 100              |
| S6   |   | 2.90                           | 104              | 2.3                          | /                            | /                |
| BS-360E <sup>10</sup><br>R1: R2: S=<br>200: 67: 2  |   | S2                             | 0.130            | 4.64                         | 2                            | 13               |
|  | S3  | 0.530                          | 18.9             | 2                            | 34                           | 102              |
|  | S4  | 1.10                           | 39.3             | 4                            | 34                           | 102              |
|  | S5  | 1.70                           | 60.7             | 8                            | 25                           | 100              |
|  | S6  | 2.90                           | 104              | 2.3                          | /                            | /                |
|  | BS-430 <sup>13</sup><br>R1: R2: S=<br>200: 67: 2  | S2                             | 0.130            | 4.64                         | 2                            | 11               |
| S3   |   | 0.530                          | 18.9             | 2                            | 30                           | 90               |
| S4   |   | 1.10                           | 39.3             | 4                            | 30                           | 90               |
| S5   |   | 1.72                           | 61.4             | 8                            | 25                           | 100              |
| S6   |   | 2.92                           | 104              | 2.3                          | /                            | /                |
| BS-480 <sup>14</sup><br>R1: R2: S=<br>200: 67: 2   |   | S2                             | 0.140            | 5.00                         | 2                            | 14               |
|  | S3  | 0.530                          | 18.9             | 2                            | 40                           | 120              |
|  | S4  | 1.13                           | 40.3             | 4                            | 40                           | 120              |
|  | S5  | 1.79                           | 63.9             | 8                            | 30                           | 120              |
|  | S6  | 2.90                           | 104              | 2.3                          | /                            | /                |
|  | BS-600 <sup>15</sup><br>R1: R2: S=<br>200: 67: 2  | S2                             | 0.130            | 4.64                         | 2                            | 11               |
| S3   |   | 0.560                          | 20.0             | 2                            | 30                           | 90               |
| S4   |   | 1.12                           | 40.0             | 4                            | 30                           | 90               |
| S5   |   | 1.76                           | 62.8             | 8                            | 25                           | 100              |
| S6   |   | 2.92                           | 104              | 2.3                          | /                            | /                |
| BS-800 <sup>16</sup><br>R1: R2: S=<br>200: 67: 2   |   | S2                             | 0.130            | 4.64                         | 2                            | 10               |
|  | S3  | 0.530                          | 18.9             | 2                            | 30                           | 90               |
|  | S4  | 1.08                           | 38.6             | 4                            | 30                           | 90               |
|  | S5  | 1.65                           | 58.9             | 8                            | 25                           | 100              |
|  | S6  | 2.80                           | 100              | 2.3                          | /                            | /                |
|  | BS-2000 <sup>17</sup><br>R1: R2: S=<br>200: 67: 2 | S2                             | 0.150            | 5.36                         | 2                            | 10               |
| S3   |   | 0.560                          | 20.0             | 2                            | 25                           | 75               |
| S4   |   | 1.16                           | 41.4             | 4                            | 25                           | 75               |
| S5   |   | 1.80                           | 64.3             | 8                            | 25                           | 100              |
| S6   |   | 2.78                           | 99.2             | 2.3                          | /                            | /                |
| BS-2800M <sup>18</sup><br>R1: R2: S=<br>200: 67: 2 |   | S2                             | 0.150            | 5.36                         | 2                            | 10               |
|  | S3  | 0.560                          | 20.0             | 2                            | 25                           | 75               |
|  | S4  | 1.19                           | 42.5             | 4                            | 25                           | 75               |
|  | S5  | 1.88                           | 67.1             | 8                            | 25                           | 100              |
|  | S6  | 2.82                           | 101              | 2.3                          | /                            | /                |

# Lipids Calibrator

\*Please note the target value change



★ Note: The following value is applicable to 141922001 and before ApoB reagents. ★

| Abbreviated name                                   | ApoB  | Calibration Rule               |        | Logit-Log(5P)                |                              |                  |
|--|-------|--------------------------------|--------|------------------------------|------------------------------|------------------|
| Model  | Level | Calibrator Value <sup>19</sup> |        | Sample Vol For Analysis (μL) | Sample Vol for Dilution (μL) | Diluent Vol (μL) |
|  |       | g/L                            | μmol/L |                              |                              |                  |
| BS-230 <sup>5</sup><br>R1: R2: S=<br>200: 67: 2    | S2    | 0.240                          | 0.468  | 2                            | 30                           | 120              |
|  | S3    | 0.470                          | 0.917  | 4                            | 30                           | 120              |
|  | S4    | 0.980                          | 1.91   | 8                            | 30                           | 120              |
|  | S5    | 1.36                           | 2.65   | 2                            | /                            | /                |
|  | S6    | 2.48                           | 4.84   | 4                            | /                            | /                |
| BS-240E <sup>6</sup><br>R1: R2: S=<br>300: 100: 3  | S2    | 0.270                          | 0.527  | 2                            | 25                           | 100              |
|  | S3    | 0.400                          | 0.780  | 4                            | 25                           | 100              |
|  | S4    | 0.900                          | 1.76   | 8                            | 25                           | 100              |
|  | S5    | 1.35                           | 2.63   | 2                            | /                            | /                |
|  | S6    | 2.35                           | 4.58   | 4                            | /                            | /                |
| BS-360E <sup>10</sup><br>R1: R2: S=<br>300: 100: 3 | S2    | 0.250                          | 0.488  | 2                            | 25                           | 100              |
|  | S3    | 0.420                          | 0.819  | 4                            | 25                           | 100              |
|  | S4    | 0.920                          | 1.79   | 8                            | 25                           | 100              |
|  | S5    | 1.35                           | 2.63   | 2                            | /                            | /                |
|  | S6    | 2.44                           | 4.76   | 4                            | /                            | /                |
| BS-430 <sup>13</sup><br>R1: R2: S=<br>200: 67: 2   | S2    | 0.220                          | 0.429  | 2                            | 25                           | 100              |
|  | S3    | 0.480                          | 0.936  | 4                            | 25                           | 100              |
|  | S4    | 0.960                          | 1.87   | 8                            | 25                           | 100              |
|  | S5    | 1.36                           | 2.65   | 2                            | /                            | /                |
|  | S6    | 2.54                           | 4.95   | 4                            | /                            | /                |
| BS-480 <sup>14</sup><br>R1: R2: S=<br>200: 67: 2   | S2    | 0.230                          | 0.449  | 2                            | 30                           | 120              |
|  | S3    | 0.460                          | 0.897  | 4                            | 30                           | 120              |
|  | S4    | 0.940                          | 1.83   | 8                            | 30                           | 120              |
|  | S5    | 1.35                           | 2.63   | 2                            | /                            | /                |
|  | S6    | 2.51                           | 4.89   | 4                            | /                            | /                |
| BS-600 <sup>15</sup><br>R1: R2: S=<br>200: 67: 2   | S2    | 0.230                          | 0.449  | 2                            | 25                           | 100              |
|  | S3    | 0.460                          | 0.897  | 4                            | 25                           | 100              |
|  | S4    | 0.940                          | 1.83   | 8                            | 25                           | 100              |
|  | S5    | 1.35                           | 2.63   | 2                            | /                            | /                |
|  | S6    | 2.51                           | 4.89   | 4                            | /                            | /                |
| BS-800 <sup>16</sup><br>R1: R2: S=<br>200: 67: 2   | S2    | 0.230                          | 0.449  | 2                            | 25                           | 100              |
|  | S3    | 0.460                          | 0.897  | 4                            | 25                           | 100              |
|  | S4    | 0.940                          | 1.83   | 8                            | 25                           | 100              |
|  | S5    | 1.35                           | 2.63   | 2                            | /                            | /                |
|  | S6    | 2.51                           | 4.89   | 4                            | /                            | /                |
| BS-2000 <sup>17</sup><br>R1: R2: S=<br>200: 67: 2  | S2    | 0.240                          | 0.468  | 2                            | 25                           | 100              |
|  | S3    | 0.500                          | 0.975  | 4                            | 25                           | 100              |
|  | S4    | 1.01                           | 1.97   | 8                            | 25                           | 100              |
|  | S5    | 1.33                           | 2.59   | 2                            | /                            | /                |
|  | S6    | 2.53                           | 4.93   | 4                            | /                            | /                |
| BS-2800M <sup>18</sup><br>R1: R2: S=<br>200: 67: 2 | S2    | 0.250                          | 0.488  | 2                            | 25                           | 100              |
|  | S3    | 0.520                          | 1.01   | 4                            | 25                           | 100              |
|  | S4    | 1.07                           | 2.09   | 8                            | 25                           | 100              |
|  | S5    | 1.37                           | 2.67   | 2                            | /                            | /                |
|  | S6    | 2.56                           | 4.99   | 4                            | /                            | /                |

# Lipids Calibrator

\*Please note the target value change



★ Note: The following value is applicable to 141922002 and subsequent ApoB reagents. ★

| Abbreviated name                                  | ApoB   | Calibration Rule               |        | Logit-Log(5P)                |                              |                  |
|---|--|--------------------------------|--------|------------------------------|------------------------------|------------------|
| Model   | Level  | Calibrator Value <sup>19</sup> |        | Sample Vol For Analysis (μL) | Sample Vol for Dilution (μL) | Diluent Vol (μL) |
|   |  | g/L                            | μmol/L |                              |                              |                  |
| BS-230 <sup>5</sup><br>R1: R2: S=<br>200: 67: 2   | S2   | 0.240                          | 0.468  | 2                            | 30                           | 120              |
|   | S3   | 0.520                          | 1.01   | 4                            | 30                           | 120              |
|   | S4   | 1.00                           | 1.95   | 8                            | 30                           | 120              |
|   | S5   | 1.41                           | 2.75   | 2                            | /                            | /                |
|   | S6   | 2.70                           | 5.27   | 4                            | /                            | /                |
|   | S2   | 0.220                          | 0.429  | 2                            | 25                           | 100              |
| BS-240E <sup>6</sup><br>R1: R2: S=<br>300: 100: 3 | S3   | 0.490                          | 0.956  | 4                            | 25                           | 100              |
|   | S4   | 0.920                          | 1.79   | 8                            | 25                           | 100              |
|   | S5   | 1.43                           | 2.79   | 2                            | /                            | /                |
|   | S6   | 2.70                           | 5.27   | 4                            | /                            | /                |
|   | S2   | 0.220                          | 0.429  | 2                            | 25                           | 100              |
|   | BS-360E <sup>10</sup><br>R1: R2: S=<br>300: 100: 3 | S3                             | 0.500  | 0.975                        | 4                            | 25               |
| S4  |  | 0.970                          | 1.89   | 8                            | 25                           | 100              |
| S5  |  | 1.42                           | 2.77   | 2                            | /                            | /                |
| S6  |  | 2.70                           | 5.27   | 4                            | /                            | /                |
| S2  |  | 0.240                          | 0.468  | 2                            | 25                           | 100              |
| BS-430 <sup>13</sup><br>R1: R2: S=<br>200: 67: 2  |  | S3                             | 0.510  | 0.995                        | 4                            | 25               |
|   | S4   | 1.02                           | 1.99   | 8                            | 25                           | 100              |
|   | S5   | 1.43                           | 2.79   | 2                            | /                            | /                |
|   | S6   | 2.70                           | 5.27   | 4                            | /                            | /                |
|   | S2   | 0.240                          | 0.468  | 2                            | 30                           | 120              |
|   | BS-480 <sup>14</sup><br>R1: R2: S=<br>200: 67: 2   | S3                             | 0.520  | 1.01                         | 4                            | 30               |
| S4  |  | 1.03                           | 2.01   | 8                            | 30                           | 120              |
| S5  |  | 1.43                           | 2.79   | 2                            | /                            | /                |
| S6  |  | 2.70                           | 5.27   | 4                            | /                            | /                |
| S2  |  | 0.240                          | 0.468  | 2                            | 25                           | 100              |
| BS-600 <sup>15</sup><br>R1: R2: S=<br>200: 67: 2  |  | S3                             | 0.530  | 1.03                         | 4                            | 25               |
|   | S4   | 1.02                           | 1.99   | 8                            | 25                           | 100              |
|   | S5   | 1.43                           | 2.79   | 2                            | /                            | /                |
|   | S6   | 2.70                           | 5.27   | 4                            | /                            | /                |
|   | S2   | 0.230                          | 0.449  | 2                            | 25                           | 100              |
|   | BS-800 <sup>16</sup><br>R1: R2: S=<br>200: 67: 2   | S3                             | 0.480  | 0.936                        | 4                            | 25               |
| S4  |  | 0.970                          | 1.89   | 8                            | 25                           | 100              |
| S5  |  | 1.38                           | 2.69   | 2                            | /                            | /                |
| S6  |  | 2.70                           | 5.27   | 4                            | /                            | /                |
| S2  |  | 0.240                          | 0.468  | 2                            | 25                           | 100              |
| BS-2000 <sup>17</sup><br>R1: R2: S=<br>200: 67: 2 |  | S3                             | 0.520  | 1.01                         | 4                            | 25               |
|   | S4   | 1.04                           | 2.03   | 8                            | 25                           | 100              |
|   | S5   | 1.37                           | 2.67   | 2                            | /                            | /                |
|   | S6   | 2.70                           | 5.27   | 4                            | /                            | /                |
|   | S2   | 0.250                          | 0.488  | 2                            | 25                           | 100              |
|   | BS-2800M <sup>18</sup><br>R1: R2: S=<br>200: 67: 2 | S3                             | 0.540  | 1.05                         | 4                            | 25               |
| S4  |  | 1.09                           | 2.13   | 8                            | 25                           | 100              |
| S5  |  | 1.40                           | 2.73   | 2                            | /                            | /                |
| S6  |  | 2.70                           | 5.27   | 4                            | /                            | /                |

| English          | Abbreviated name         | Calibration Rule       | Model   | Level   |
|------------------|--------------------------|------------------------|---------|---------|
| <b>Русский</b>   | сокращенное наименование | Принцип калибровки     | модель  | Уровень |
| <b>Português</b> | Nome abreviado           | Regra de calibração    | Modelo  | Nível   |
| <b>Español</b>   | nombre abreviado         | Regla de calibración   | modelo  | Nivel   |
| <b>Italiano</b>  | abbreviazione            | Regola di calibrazione | modelli | Livello |
| <b>Türkçe</b>    | kisaltılmış ad           | Kalibrasyon Kuralı     | model   | Düzey   |

| English          | Calibration Value      | Sample Vol for Dilution         | Diluent Vol        | Sample Vol For Analysis        |
|------------------|------------------------|---------------------------------|--------------------|--------------------------------|
| <b>Русский</b>   | Эталонное значение     | Объем пробы для разбавления     | Объем разбавителя  | Объем пробы для анализа        |
| <b>Português</b> | Valor de calibração    | Volume da amostra para diluição | Volume de diluente | Volume da amostra para análise |
| <b>Español</b>   | Valor de calibración   | Vol. muestra para dilución      | Vol. diluyente     | Vol. muestra para análisis     |
| <b>Italiano</b>  | Valore di calibrazione | Vol. campione per la diluizione | Vol. diluente      | Vol. campione per analisi      |
| <b>Türkçe</b>    | Kalibrasyon Değeri     | Dilüsyon için Numune Hacmi      | Seyreltici Hacmi   | Analiz için Numune Hacmi       |

|                  | HDL-C           | LDL-C           | ApoA1              | ApoB              |
|------------------|-----------------|-----------------|--------------------|-------------------|
| <b>English</b>   | HDL-Cholesterol | LDL-Cholesterol | Apolipoprotein A1  | Apolipoprotein B  |
| <b>Русский</b>   | Холестерин ЛПВП | Холестерин ЛПНП | Аполипопротеин А1  | Аполипопротеин В  |
| <b>Português</b> | Colesterol HDL  | Colesterol LDL  | Apolipoproteína A1 | Apolipoproteína B |
| <b>Español</b>   | Colesterol HDL  | Colesterol LDL  | Apolipoproteína A1 | Apolipoproteína B |
| <b>Italiano</b>  | Colesterolo HDL | Colesterolo LDL | Apolipoproteina A1 | Apolipoproteina B |
| <b>Türkçe</b>    | HDL-Kolesterol  | LDL-Kolesterol  | Apolipoprotein A1  | Apolipoprotein B  |