

## 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



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. **BS-120**: BS-120, BS-130;

2. **BS-180**: BS-180, BS-190;

3. **BS-200**: BS-200, BS-220;

4. **BS-200E**: BS-200E, BS-220E;

5. **BS-230**: BS-230, BS-240;

6. **BS-240E**: BS-240E, BS-240Pro;

7. **BS-300**: BS-300, BS-320;

8. **BS-330**: BS-330, BS-350;

9. **BS-330E**: **BS-330E**(Serial Number starts with "XQ-"),

**BS-350E**(Serial Number starts with "XS-");

10. **BS-360E**: BS-360E, BS-370E, BS-350S, BS-360S, **BS-330E(V35.00)**

(Serial Number starts with "W8-" and software version starts with "35.00"), **BS-350E(V35.00)** (Serial Number starts with "W9-" and software version starts with "35.00");

11. **BS-380**: BS-380, BS-390;

12. **BS-400**: BS-400, BS-420;

13. **BS-430**: BS-430, BS-450, BS-460;

14. **BS-480**: BS-480, BS-490;

15. **BS-600**: BS-600, BS-620;

16. **BS-600M**: BS-600M, BS-620M;

17. **BS-800**: BS-800, BS-820, BS-800M, BS-820M, BS-1800, BS-1800plus;

18. **BS-2000**: BS-2000, BS-2200, BS-2000M, BS-2200M;

19. **BS-2800M**: BS-2800M, BS-2600M.

20. **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**: 150423010 : 2025-04-10

Abbreviated name	Unit	Calibration Value <sup>20</sup>					
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>
		1.73	1.73	1.75	1.79	1.73	1.79
		<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>
		1.79	1.75	1.79	1.79	1.79	1.79
		<b>BS-430</b> <sup>13</sup>	<b>BS-480</b> <sup>14</sup>	<b>BS-600</b> <sup>15</sup>	<b>BS-600M</b> <sup>16</sup>	<b>BS-800</b> <sup>17</sup>	<b>BS-2000</b> <sup>18</sup>
		1.79	1.79	1.79	1.79	1.79	1.77
HDL-C		<b>BS-2800M</b> <sup>19</sup>					
		1.83					
		<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>
		66.9	66.9	67.7	69.2	66.9	69.2
		<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>
		69.2	67.7	69.2	69.2	69.2	69.2
mg/dL		<b>BS-430</b> <sup>13</sup>	<b>BS-480</b> <sup>14</sup>	<b>BS-600</b> <sup>15</sup>	<b>BS-600M</b> <sup>16</sup>	<b>BS-800</b> <sup>17</sup>	<b>BS-2000</b> <sup>18</sup>
		69.2	69.2	69.2	69.2	69.2	68.4
		<b>BS-2800M</b> <sup>19</sup>					
		70.7					
		<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>
		3.83	3.83	3.83	3.95	3.83	3.95
LDL-C	mmol/L	<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>
		3.95	3.83	3.95	3.95	3.95	3.95
		<b>BS-430</b> <sup>13</sup>	<b>BS-480</b> <sup>14</sup>	<b>BS-600</b> <sup>15</sup>	<b>BS-600M</b> <sup>16</sup>	<b>BS-800</b> <sup>17</sup>	<b>BS-2000</b> <sup>18</sup>
		3.95	3.95	3.95	3.96	3.95	3.88
		<b>BS-2800M</b> <sup>19</sup>					
		3.96					

# Lipids Calibrator



Abbreviated name	Unit	Calibration Value <sup>20</sup>					
		BS-120 <sup>1</sup>	BS-180 <sup>2</sup>	BS-200 <sup>3</sup>	BS-200E <sup>4</sup>	BS-230 <sup>5</sup>	BS-240E <sup>6</sup>
LDL-C	mg/dL	148	148	148	153	148	153
		BS-300 <sup>7</sup>	BS-330 <sup>8</sup>	BS-330E <sup>9</sup>	BS-360E <sup>10</sup>	BS-380 <sup>11</sup>	BS-400 <sup>12</sup>
		153	148	153	153	153	153
		BS-430 <sup>13</sup>	BS-480 <sup>14</sup>	BS-600 <sup>15</sup>	BS-600M <sup>16</sup>	BS-800 <sup>17</sup>	BS-2000 <sup>18</sup>
		153	153	153	153	153	150
		BS-2800M <sup>19</sup>	153				

Abbreviated name		ApoA1	Calibration Rule		Logit-Log(5P)	
Model	Level	Calibrator Value <sup>20</sup>		Sample Vol for Dilution (μL)	Diluent Vol (μL)	Sample Vol For Analysis (μL)
		g/L	μmol/L			
BS-120 <sup>1</sup>	S2	0.040	1.43	20	180	3
	S3	0.350	12.5	5	194	32
	S4	0.920	32.8	9	187	35
	S5	1.76	62.8	45	180	12
	S6	3.11	111	/	/	3.5
	BS-180 <sup>2</sup>	S2	0.040	1.43	20	180
S3		0.350	12.5	5	194	32
S4		0.920	32.8	9	187	35
S5		1.76	62.8	45	180	12
S6		3.11	111	/	/	3.5
BS-200 <sup>3</sup>		S2	0.050	1.79	20	180
	S3	0.340	12.1	5	194	32
	S4	0.960	34.3	9	187	35
	S5	1.78	63.5	45	180	12
	S6	3.11	111	/	/	3.5
	BS-200E <sup>4</sup>	S2	0.050	1.79	15	135
S3		0.560	20.0	45	135	2
S4		1.15	41.1	45	135	4
S5		1.87	66.8	35	140	8
S6		3.11	111	/	/	2.3
BS-300 <sup>7</sup>		S2	0.050	1.79	20	180
	S3	0.440	15.7	5	194	32
	S4	1.09	38.9	9	187	35
	S5	1.98	70.7	45	180	12
	S6	3.11	111	/	/	3.5
	BS-330 <sup>8</sup>	S2	0.050	1.79	20	180
S3		0.340	12.1	5	194	32
S4		0.960	34.3	9	187	35
S5		1.78	63.5	45	180	12
S6		3.11	111	/	/	3.5
BS-330E <sup>9</sup>		S2	0.050	1.79	15	135
	S3	0.560	20.0	45	135	2
	S4	1.15	41.1	45	135	4
	S5	1.87	66.8	35	140	8
	S6	3.11	111	/	/	2.3

# Lipids Calibrator



BS-380 <sup>11</sup>	S2	0.050	1.79	14	126	2
	S3	0.560	20.0	40	120	2
	S4	1.15	41.1	40	120	4
	S5	1.87	66.8	30	120	8
	S6	3.11	111	/	/	2.3
	BS-400 <sup>12</sup>	S2	0.060	2.14	14	126
S3		0.540	19.3	40	120	2
S4		1.24	44.3	40	120	4
S5		1.95	69.6	30	120	8
S6		3.11	111	/	/	2.3
Abbreviated name		ApoB	Calibration Rule		Logit-Log(5P)	
Model	Level	Calibrator Value <sup>20</sup>		Sample Vol for Dilution (μL)	Diluent Vol (μL)	Sample Vol For Analysis (μL)
		g/L	μmol/L			
BS-120 <sup>1</sup>	S2	0.210	0.410	45	180	3
	S3	0.470	0.917	45	180	6
	S4	0.960	1.87	45	180	12
	S5	1.40	2.73	/	/	3
	S6	2.70	5.27	/	/	6
	BS-180 <sup>2</sup>	S2	0.210	0.410	45	180
S3		0.470	0.917	45	180	6
S4		0.960	1.87	45	180	12
S5		1.40	2.73	/	/	3
S6		2.70	5.27	/	/	6
BS-200 <sup>3</sup>		S2	0.210	0.410	45	180
	S3	0.530	1.03	45	180	6
	S4	1.00	1.95	45	180	12
	S5	1.41	2.75	/	/	3
	S6	2.70	5.27	/	/	6
	BS-200E <sup>4</sup>	S2	0.220	0.429	35	140
S3		0.500	0.975	35	140	6
S4		1.00	1.95	35	140	12
S5		1.39	2.71	/	/	3
S6		2.70	5.27	/	/	6
BS-300 <sup>7</sup>		S2	0.200	0.390	45	180
	S3	0.500	0.975	45	180	6
	S4	1.04	2.03	45	180	12
	S5	1.40	2.73	/	/	3
	S6	2.70	5.27	/	/	6
	BS-330 <sup>8</sup>	S2	0.210	0.410	45	180
S3		0.530	1.03	45	180	6
S4		1.00	1.95	45	180	12
S5		1.41	2.75	/	/	3
S6		2.70	5.27	/	/	6
BS-330E <sup>9</sup>		S2	0.220	0.429	35	140
	S3	0.500	0.975	35	140	6
	S4	1.00	1.95	35	140	12
	S5	1.39	2.71	/	/	3
	S6	2.70	5.27	/	/	6

# Lipids Calibrator



<b>BS-380</b> <sup>11</sup>	<b>S2</b>	0.220	0.429	30	120	2
	<b>S3</b>	0.500	0.975	30	120	4
	<b>S4</b>	1.00	1.95	30	120	8
	<b>S5</b>	1.39	2.71	/	/	2
	<b>S6</b>	2.70	5.27	/	/	4
	<b>BS-400</b> <sup>12</sup>	<b>S2</b>	0.220	0.429	30	120
<b>S3</b>		0.500	0.975	30	120	4
<b>S4</b>		0.990	1.93	30	120	8
<b>S5</b>		1.38	2.69	/	/	2
<b>S6</b>		2.70	5.27	/	/	4
Abbreviated name		ApoA1	Calibration Rule		Logit-Log(5P)	
Model	Level	Calibrator Value <sup>20</sup>		Sample Vol For Analysis (μL)	Sample Vol for Dilution (μL)	Diluent Vol (μL)
		g/L	μmol/L			
<b>BS-230</b> <sup>5</sup>	<b>S2</b>	0.050	1.79	2	13	117
	<b>S3</b>	0.410	14.6	23.8	3	129
	<b>S4</b>	1.02	36.4	23.4	6	125
	<b>S5</b>	1.79	63.9	8	30	120
	<b>S6</b>	3.11	111	2.3	/	/
	<b>BS-240E</b> <sup>6</sup>	<b>S2</b>	0.050	1.79	2	13
<b>S3</b>		0.560	20.0	2	34	102
<b>S4</b>		1.15	41.1	4	34	102
<b>S5</b>		1.87	66.8	8	25	100
<b>S6</b>		3.11	111	2.3	/	/
<b>BS-360E</b> <sup>10</sup>		<b>S2</b>	0.050	1.79	2	13
	<b>S3</b>	0.560	20.0	2	34	102
	<b>S4</b>	1.15	41.1	4	34	102
	<b>S5</b>	1.87	66.8	8	25	100
	<b>S6</b>	3.11	111	2.3	/	/
	<b>BS-430</b> <sup>13</sup>	<b>S2</b>	0.050	1.79	2	11
<b>S3</b>		0.560	20.0	2	30	90
<b>S4</b>		1.15	41.1	4	30	90
<b>S5</b>		1.87	66.8	8	25	100
<b>S6</b>		3.11	111	2.3	/	/
<b>BS-480</b> <sup>14</sup>		<b>S2</b>	0.050	1.79	2	14
	<b>S3</b>	0.560	20.0	2	40	120
	<b>S4</b>	1.15	41.1	4	40	120
	<b>S5</b>	1.87	66.8	8	30	120
	<b>S6</b>	3.11	111	2.3	/	/
	<b>BS-600</b> <sup>15</sup>	<b>S2</b>	0.050	1.79	2	11
<b>S3</b>		0.560	20.0	2	30	90
<b>S4</b>		1.15	41.1	4	30	90
<b>S5</b>		1.87	66.8	8	25	100
<b>S6</b>		3.11	111	2.3	/	/
<b>BS-600M</b> <sup>16</sup>		<b>S2</b>	0.090	3.21	2	10
	<b>S3</b>	0.590	21.1	2	25	75
	<b>S4</b>	1.25	44.6	4	25	75
	<b>S5</b>	2.05	73.2	8	25	100
	<b>S6</b>	3.15	112	2.3	/	/

# Lipids Calibrator



BS-800 <sup>17</sup>	S2	0.050	1.79	2	10	90
	S3	0.560	20.0	2	30	90
	S4	1.15	41.1	4	30	90
	S5	1.87	66.8	8	25	100
	S6	3.11	111	2.3	/	/
BS-2000 <sup>18</sup>	S2	0.090	3.21	2	10	90
	S3	0.590	21.1	2	25	75
	S4	1.15	41.1	4	25	75
	S5	1.87	66.8	8	25	100
	S6	3.11	111	2.3	/	/
BS-2800M <sup>19</sup>	S2	0.090	3.21	2	10	90
	S3	0.590	21.1	2	25	75
	S4	1.25	44.6	4	25	75
	S5	2.05	73.2	8	25	100
	S6	3.15	112	2.3	/	/
Abbreviated name	ApoB	Calibration Rule		Logit-Log(5P)		
Model	Level	Calibrator Value <sup>20</sup>		Sample Vol For Analysis (μL)	Sample Vol for Dilution (μL)	Diluent Vol (μL)
		g/L	μmol/L			
BS-230 <sup>5</sup>	S2	0.220	0.429	2	30	120
	S3	0.510	0.995	4	30	120
	S4	0.980	1.91	8	30	120
	S5	1.38	2.69	2	/	/
	S6	2.70	5.27	4	/	/
BS-240E <sup>6</sup>	S2	0.200	0.390	2	25	100
	S3	0.450	0.878	4	25	100
	S4	0.930	1.81	8	25	100
	S5	1.41	2.75	2	/	/
	S6	2.70	5.27	4	/	/
BS-360E <sup>10</sup>	S2	0.230	0.449	2	25	100
	S3	0.480	0.936	4	25	100
	S4	0.960	1.87	8	25	100
	S5	1.43	2.79	2	/	/
	S6	2.70	5.27	4	/	/
BS-430 <sup>13</sup>	S2	0.190	0.371	2	25	100
	S3	0.460	0.897	4	25	100
	S4	0.990	1.93	8	25	100
	S5	1.37	2.67	2	/	/
	S6	2.70	5.27	4	/	/
BS-480 <sup>14</sup>	S2	0.220	0.429	2	30	120
	S3	0.500	0.975	4	30	120
	S4	1.03	2.01	8	30	120
	S5	1.42	2.77	2	/	/
	S6	2.70	5.27	4	/	/
BS-600 <sup>15</sup>	S2	0.210	0.410	2	25	100
	S3	0.490	0.956	4	25	100
	S4	1.00	1.95	8	25	100
	S5	1.43	2.79	2	/	/
	S6	2.70	5.27	4	/	/

<b>BS-600M</b> <sup>16</sup>	<b>S2</b>	0.230	0.449	2	25	100
	<b>S3</b>	0.560	1.09	4	25	100
	<b>S4</b>	1.12	2.18	8	25	100
	<b>S5</b>	1.40	2.73	2	/	/
	<b>S6</b>	2.70	5.27	4	/	/
<b>BS-800</b> <sup>17</sup>	<b>S2</b>	0.210	0.410	2	25	100
	<b>S3</b>	0.470	0.917	4	25	100
	<b>S4</b>	0.960	1.87	8	25	100
	<b>S5</b>	1.40	2.73	2	/	/
	<b>S6</b>	2.70	5.27	4	/	/
<b>BS-2000</b> <sup>18</sup>	<b>S2</b>	0.230	0.449	2	25	100
	<b>S3</b>	0.550	1.07	4	25	100
	<b>S4</b>	1.08	2.11	8	25	100
	<b>S5</b>	1.40	2.73	2	/	/
	<b>S6</b>	2.72	5.30	4	/	/
<b>BS-2800M</b> <sup>19</sup>	<b>S2</b>	0.230	0.449	2	25	100
	<b>S3</b>	0.550	1.07	4	25	100
	<b>S4</b>	1.11	2.16	8	25	100
	<b>S5</b>	1.42	2.77	2	/	/
	<b>S6</b>	2.73	5.32	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