

## 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, BS-180, BS-190;

11.BS-430: BS-430, BS-450,BS-460;

2.BS-200: BS-200, BS-220, BS-330, BS-350;

12.BS-480: BS-480, BS-490;

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

13.BS-600: BS-600, BS-620;

4.BS-240: BS-230, BS-240;

14.BS-600M: BS-600M, BS-620M;

5.BS-240E: BS240E, BS240Pro;

15.BS-800: BS-800, BS-820, BS-800M, BS-820M, BS-

6.BS-300: BS-300, BS-320;

1800, BS-1800plus;

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

350E(Serial Number starts with "XS-")

16.BS-1000M: BS-1000M, BS-1100M;

8.BS-360E: BS-360E, BS-370E, BS-350S, BS-360S, BS-

330E(V35.00)(Serial Number starts with "W8-" and software version

17.BS-2000: BS-2000, BS-2200, BS-2000M, BS-2200M;

starts with "35.00"), BS-350E(V35.00) (Serial Number starts

18.BS-2800M:BS-2600M, BS-2800M;

with"W9-" and software version starts with "35.00");

19.For applicable models of the analyte, please refer to

9.BS-380: BS-380, BS-390;

the reagent parameter sheet and instruction.

10.BS-400: BS-400, BS-420;

LOT : 150423008

: 2025-02-25

English	Abbreviated name	Calibration Rule	Model	Level
Русский	сокращенное наименование	Принцип калибровки	модель	Уровень
Português	Nome abreviado	Regra de calibração	Modelo	Nível
Español	nombre abreviado	Regla de calibración	modelo	Nivel
Italiano	abbreviazione	Regola di calibrazione	modelli	Livello
Türkçe	kısaltılmış ad	Kalibrasyon Kuralı	model	Düzey
English	Calibration Value	Sample Vol for Dilution	Diluent Vol	
Русский	Эталонное значение	Объем пробы для разбавления	Объем разбавителя	
Português	Valor de calibração	Volume da amostra para diluição	Volume de diluente	
Español	Valor de calibración	Vol. muestra para dilución	Vol. diluyente	
Italiano	Valore di calibrazione	Vol. campione per la diluizione	Vol. diluente	
Türkçe	Kalibrasyon Değeri	Dilüsyon için Numune Hacmi	Seyreltici Hacmi	
English	Sample Vol For Analysis	Expanded Uncertainty		
Русский	Объем пробы для анализа	Расширенная неопределенность		
Português	Volume da amostra para análise	Incerteza Expandida		
Español	Vol. muestra para análisis	Incertidumbre expandida		
Italiano	Vol. campione per analisi	Incertezza estesa		
Türkçe	Analiz için Numune Hacmi	Daha Uzun Süreli Belirsizlik		
English	HDL-C	LDL-C	ApoA1	ApoB
English	HDL-Cholesterol	LDL-Cholesterol	Apolipoprotein A1	Apolipoprotein B
Русский	Холестерин ЛПВП	Холестерин ЛПНП	Аполипопротеин A1	Аполипопротеин B
Português	Colesterol HDL	Colesterol LDL	Apolipoproteína A1	Apolipoproteína B
Español	Colesterol HDL	Colesterol LDL	Apolipoproteína A1	Apolipoproteína B
Italiano	Colesterolo HDL	Colesterolo LDL	Apolipoproteina A1	Apolipoproteina B

# Lipids Calibrator



Türkçe		HDL-Kolesterol	LDL-Kolesterol	Apolipoprotein A1		Apolipoprotein B	
Abbreviated name	Unit	Calibration Rule			Two-point linear		
		Model	Calibrator Value	Expanded Uncertainty	Model	Calibrator Value	Expanded Uncertainty
HDL-C	mmol/L	BS-120 <sup>1</sup>	/	/	BS-400 <sup>10</sup>	/	/
		BS-200 <sup>2</sup>	/	/	BS-430 <sup>11</sup>	/	/
		BS-200E <sup>3</sup>	/	/	BS-480 <sup>12</sup>	/	/
		BS-240 <sup>4</sup>	/	/	BS-600 <sup>13</sup>	/	/
		BS-240E <sup>5</sup>	/	/	BS-600M <sup>14</sup>	/	/
		BS-300 <sup>6</sup>	/	/	BS-800 <sup>15</sup>	/	/
		BS-330E <sup>7</sup>	/	/	BS-1000M <sup>16</sup>	1.83	0.08
		BS-360E <sup>8</sup>	/	/	BS-2000 <sup>17</sup>	/	/
		BS-380 <sup>9</sup>	/	/	BS-2800M <sup>18</sup>	/	/
	mg/dL	BS-120 <sup>1</sup>	/	/	BS-400 <sup>10</sup>	/	/
		BS-200 <sup>2</sup>	/	/	BS-430 <sup>11</sup>	/	/
		BS-200E <sup>3</sup>	/	/	BS-480 <sup>12</sup>	/	/
		BS-240 <sup>4</sup>	/	/	BS-600 <sup>13</sup>	/	/
		BS-240E <sup>5</sup>	/	/	BS-600M <sup>14</sup>	/	/
		BS-300 <sup>6</sup>	/	/	BS-800 <sup>15</sup>	/	/
		BS-330E <sup>7</sup>	/	/	BS-1000M <sup>16</sup>	70.7	3
		BS-360E <sup>8</sup>	/	/	BS-2000 <sup>17</sup>	/	/
		BS-380 <sup>9</sup>	/	/	BS-2800M <sup>18</sup>	/	/

Abbreviated name	Unit	Calibration Rule			Two-point linear		
		Model	Calibrator Value	Expanded Uncertainty	Model	Calibrator Value	Expanded Uncertainty
LDL-C	mmol/L	BS-120 <sup>1</sup>	/	/	BS-400 <sup>10</sup>	/	/
		BS-200 <sup>2</sup>	/	/	BS-430 <sup>11</sup>	/	/
		BS-200E <sup>3</sup>	/	/	BS-480 <sup>12</sup>	/	/
		BS-240 <sup>4</sup>	/	/	BS-600 <sup>13</sup>	/	/
		BS-240E <sup>5</sup>	/	/	BS-600M <sup>14</sup>	/	/
		BS-300 <sup>6</sup>	/	/	BS-800 <sup>15</sup>	/	/
		BS-330E <sup>7</sup>	/	/	BS-1000M <sup>16</sup>	3.96	0.11
		BS-360E <sup>8</sup>	/	/	BS-2000 <sup>17</sup>	/	/
		BS-380 <sup>9</sup>	/	/	BS-2800M <sup>18</sup>	/	/
	mg/dL	BS-120 <sup>1</sup>	/	/	BS-400 <sup>10</sup>	/	/
		BS-200 <sup>2</sup>	/	/	BS-430 <sup>11</sup>	/	/
		BS-200E <sup>3</sup>	/	/	BS-480 <sup>12</sup>	/	/
		BS-240 <sup>4</sup>	/	/	BS-600 <sup>13</sup>	/	/
		BS-240E <sup>5</sup>	/	/	BS-600M <sup>14</sup>	/	/
		BS-300 <sup>6</sup>	/	/	BS-800 <sup>15</sup>	/	/
		BS-330E <sup>7</sup>	/	/	BS-1000M <sup>16</sup>	153	4
		BS-360E <sup>8</sup>	/	/	BS-2000 <sup>17</sup>	/	/
		BS-380 <sup>9</sup>	/	/	BS-2800M <sup>18</sup>	/	/

Abbreviated name		ApoA1		Calibration Rule		Logit-Log(5P)		
Model	Level	Calibrator Value		Expanded Uncertainty		Sample Vol For Dilution(µL)	Dilution Vol (µL)	Dilution Vol For Analysis(µL)
		g/L	µmol/L	g/L	µmol/L			

BS-120 <sup>1</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.0016	0.06	20	180	3
	S3	/	/	0.014	0.5	5	194	32
	S4	/	/	0.04	1.3	9	187	35
	S5	/	/	0.07	2.4	45	180	12
	S6	/	/	0.12	4	/	/	3.5
BS-200 <sup>2</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.0018	0.06	20	180	3
	S3	/	/	0.012	0.4	5	194	32
	S4	/	/	0.03	1.2	9	187	35
	S5	/	/	0.06	2.3	45	180	12
	S6	/	/	0.11	4	/	/	3.5
BS-200E <sup>3</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.0018	0.07	15	135	2
	S3	/	/	0.021	0.8	45	135	2
	S4	/	/	0.04	1.5	45	135	4
	S5	/	/	0.07	2.5	35	140	8
	S6	/	/	0.11	4	/	/	2.3
BS-300 <sup>6</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.0018	0.07	20	180	3
	S3	/	/	0.016	0.6	5	194	32
	S4	/	/	0.04	1.4	9	187	35
	S5	/	/	0.07	2.6	45	180	12
	S6	/	/	0.11	4	/	/	3.5
BS-330E <sup>7</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.0018	0.07	15	135	2
	S3	/	/	0.021	0.8	45	135	2
	S4	/	/	0.04	1.5	45	135	4
	S5	/	/	0.07	2.5	35	140	8
	S6	/	/	0.11	4	/	/	2.3
BS-360E <sup>8</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.0012	0.04	13	117	2
	S3	/	/	0.013	0.5	34	102	2
	S4	/	/	0.027	1.0	34	102	4
	S5	/	/	0.04	1.6	25	100	8
	S6	/	/	0.07	2.6	/	/	2.3
BS-380 <sup>9</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.0018	0.07	14	126	2
	S3	/	/	0.020	0.7	40	120	2
	S4	/	/	0.04	1.5	40	120	4
	S5	/	/	0.07	2.4	30	120	8
	S6	/	/	0.11	4	/	/	2.3
BS-400 <sup>10</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.0021	0.08	14	126	2
	S3	/	/	0.019	0.7	40	120	2
	S4	/	/	0.04	1.6	40	120	4
	S5	/	/	0.07	2.5	30	120	8

S6		/	/	0.11	4	/	/	2.3
Abbreviated name		ApoA1		Calibration Rule			Logit-Log(5P)	
Model	Level	Calibrator Value		Expanded Uncertainty		Dilution Vol For Analysis(μL)	Sample Vol For Dilution(μL)	Dilution Vol (μL)
		g/L	μmol/L	g/L	μmol/L			
BS-240 <sup>4</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.0020	0.07	2	13	117
	S3	/	/	0.016	0.6	23.8	3	129
	S4	/	/	0.04	1.5	23.4	6	125
	S5	/	/	0.07	2.6	8	30	120
	S6	/	/	0.12	4	2.3	/	/
BS-240E <sup>5</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.0012	0.04	2	13	117
	S3	/	/	0.013	0.5	2	34	102
	S4	/	/	0.027	1.0	4	34	102
	S5	/	/	0.04	1.6	8	25	100
	S6	/	/	0.07	2.6	2.3	/	/
BS-430 <sup>11</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.0012	0.04	2	11	99
	S3	/	/	0.013	0.5	2	30	90
	S4	/	/	0.027	1.0	4	30	90
	S5	/	/	0.04	1.6	8	25	100
	S6	/	/	0.07	2.6	2.3	/	/
BS-480 <sup>12</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.0019	0.07	2	14	126
	S3	/	/	0.021	0.8	2	40	120
	S4	/	/	0.04	1.6	4	40	120
	S5	/	/	0.07	2.6	8	30	120
	S6	/	/	0.12	4	2.3	/	/
BS-600 <sup>13</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.0019	0.07	2	11	99
	S3	/	/	0.021	0.8	2	30	90
	S4	/	/	0.04	1.6	4	30	90
	S5	/	/	0.07	2.6	8	25	100
	S6	/	/	0.12	4	2.3	/	/
BS-600M <sup>14</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.0022	0.08	2	10	90
	S3	/	/	0.014	0.5	2	25	75
	S4	/	/	0.03	1.1	4	25	75
	S5	/	/	0.05	1.8	8	25	100
	S6	/	/	0.08	2.7	2.3	/	/
BS-800 <sup>15</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.0012	0.04	2	10	90
	S3	/	/	0.013	0.5	2	30	90
	S4	/	/	0.027	1.0	4	30	90
	S5	/	/	0.04	1.6	8	25	100
	S6	/	/	0.07	2.6	2.3	/	/

BS-1000M <sup>16</sup>	0.9%NaCl	0.0000	0.00	/	/	/	/	/
	S2	0.0900	3.21	0.0022	0.08	2	10	90
	S3	0.590	21.1	0.014	0.5	2	25	75
	S4	1.25	44.6	0.03	1.1	4	25	75
	S5	2.05	73.2	0.05	1.8	8	25	100
	S6	3.15	112	0.08	2.7	2.3	/	/
BS-2000 <sup>17</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.0024	0.09	2	10	90
	S3	/	/	0.016	0.6	2	25	75
	S4	/	/	0.03	1.1	4	25	75
	S5	/	/	0.05	1.8	8	25	100
	S6	/	/	0.08	3	2.3	/	/
BS-2800M <sup>18</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.0022	0.08	2	10	90
	S3	/	/	0.014	0.5	2	25	75
	S4	/	/	0.03	1.1	4	25	75
	S5	/	/	0.05	1.8	8	25	100
	S6	/	/	0.08	2.7	2.3	/	/
Abbreviated name		ApoB		Calibration Rule			Logit-Log(5P)	
Model	Level	Calibrator Value		Expanded Uncertainty		Sample Vol For Dilution(μL)	Dilution Vol (μL)	Dilution Vol For Analysis(μL)
		g/L	μmol/L	g/L	μmol/L			
BS-120 <sup>1</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.007	0.014	45	180	3
	S3	/	/	0.016	0.03	45	180	6
	S4	/	/	0.03	0.06	45	180	12
	S5	/	/	0.05	0.09	/	/	3
	S6	/	/	0.09	0.18	/	/	6
BS-200 <sup>2</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.008	0.016	45	180	3
	S3	/	/	0.021	0.04	45	180	6
	S4	/	/	0.04	0.08	45	180	12
	S5	/	/	0.06	0.11	/	/	3
	S6	/	/	0.11	0.21	/	/	6
BS-200E <sup>3</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.008	0.016	35	140	3
	S3	/	/	0.018	0.03	35	140	6
	S4	/	/	0.04	0.07	35	140	12
	S5	/	/	0.05	0.10	/	/	3
	S6	/	/	0.10	0.19	/	/	6
BS-300 <sup>6</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.014	0.027	45	180	3
	S3	/	/	0.03	0.07	45	180	6
	S4	/	/	0.07	0.14	45	180	12
	S5	/	/	0.10	0.19	/	/	3
	S6	/	/	0.19	0.4	/	/	6
	0.9%NaCl	/	/	/	/	/	/	/

BS-330E <sup>7</sup>	S2	/	/	0.008	0.016	35	140	3
	S3	/	/	0.018	0.03	35	140	6
	S4	/	/	0.04	0.07	35	140	12
	S5	/	/	0.05	0.10	/	/	3
	S6	/	/	0.10	0.19	/	/	6
BS-360E <sup>8</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.007	0.013	25	100	2
	S3	/	/	0.014	0.027	25	100	4
	S4	/	/	0.028	0.05	25	100	8
	S5	/	/	0.04	0.08	/	/	2
BS-380 <sup>9</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.008	0.015	30	120	2
	S3	/	/	0.018	0.04	30	120	4
	S4	/	/	0.04	0.07	30	120	8
	S5	/	/	0.05	0.10	/	/	2
BS-400 <sup>10</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.010	0.020	30	120	2
	S3	/	/	0.024	0.05	30	120	4
	S4	/	/	0.05	0.09	30	120	8
	S5	/	/	0.07	0.13	/	/	2
BS-240 <sup>4</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.008	0.015	2	30	120
	S3	/	/	0.018	0.04	4	30	120
	S4	/	/	0.04	0.07	8	30	120
	S5	/	/	0.05	0.10	2	/	/
BS-240E <sup>5</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.006	0.011	2	25	100
	S3	/	/	0.013	0.025	4	25	100
	S4	/	/	0.027	0.05	8	25	100
	S5	/	/	0.04	0.08	2	/	/
BS-430 <sup>11</sup>	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.005	0.011	2	25	100
	S3	/	/	0.013	0.026	4	25	100
	S4	/	/	0.029	0.06	8	25	100
	S5	/	/	0.04	0.08	2	/	/
	0.9%NaCl	/	/	/	/	/	/	/
	S2	/	/	0.008	0.016	2	30	120

  

Abbreviated name		ApoB		Calibration Rule		Logit-Log(5P)		
Model	Level	Calibrator Value		Expanded Uncertainty		Dilution Vol For Analysis(μL)	Sample Vol For Dilution(μL)	Dilution Vol (μL)
		g/L	μmol/L	g/L	μmol/L			

# Lipids Calibrator



<b>BS-480<sup>12</sup></b>	<b>S3</b>	/	/	0.019	0.04	4	30	120
	<b>S4</b>	/	/	0.04	0.07	8	30	120
	<b>S5</b>	/	/	0.05	0.10	2	/	/
	<b>S6</b>	/	/	0.10	0.20	4	/	/
<b>BS-600<sup>13</sup></b>	<b>0.9%NaCl</b>	/	/	/	/	/	/	/
	<b>S2</b>	/	/	0.008	0.015	2	25	100
	<b>S3</b>	/	/	0.018	0.04	4	25	100
	<b>S4</b>	/	/	0.04	0.07	8	25	100
	<b>S5</b>	/	/	0.05	0.10	2	/	/
	<b>S6</b>	/	/	0.10	0.20	4	/	/
<b>BS-600M<sup>14</sup></b>	<b>0.9%NaCl</b>	/	/	/	/	/	/	/
	<b>S2</b>	/	/	0.007	0.013	2	25	100
	<b>S3</b>	/	/	0.016	0.03	4	25	100
	<b>S4</b>	/	/	0.03	0.06	8	25	100
	<b>S5</b>	/	/	0.04	0.08	2	/	/
	<b>S6</b>	/	/	0.08	0.15	4	/	/
<b>BS-800<sup>15</sup></b>	<b>0.9%NaCl</b>	/	/	/	/	/	/	/
	<b>S2</b>	/	/	0.006	0.012	2	25	100
	<b>S3</b>	/	/	0.014	0.027	4	25	100
	<b>S4</b>	/	/	0.028	0.05	8	25	100
	<b>S5</b>	/	/	0.04	0.08	2	/	/
	<b>S6</b>	/	/	0.08	0.15	4	/	/
<b>BS-1000M<sup>16</sup></b>	<b>0.9%NaCl</b>	0.000	0.000	/	/	/	/	/
	<b>S2</b>	0.230	0.449	0.007	0.013	2	25	100
	<b>S3</b>	0.550	1.07	0.016	0.03	4	25	100
	<b>S4</b>	1.11	2.16	0.03	0.06	8	25	100
	<b>S5</b>	1.42	2.77	0.04	0.08	2	/	/
	<b>S6</b>	2.73	5.32	0.08	0.15	4	/	/
<b>BS-2000<sup>17</sup></b>	<b>0.9%NaCl</b>	/	/	/	/	/	/	/
	<b>S2</b>	/	/	0.007	0.013	2	25	100
	<b>S3</b>	/	/	0.016	0.03	4	25	100
	<b>S4</b>	/	/	0.03	0.06	8	25	100
	<b>S5</b>	/	/	0.04	0.08	2	/	/
	<b>S6</b>	/	/	0.08	0.15	4	/	/
<b>BS-2800M<sup>18</sup></b>	<b>0.9%NaCl</b>	/	/	/	/	/	/	/
	<b>S2</b>	/	/	0.007	0.013	2	25	100
	<b>S3</b>	/	/	0.016	0.03	4	25	100
	<b>S4</b>	/	/	0.03	0.06	8	25	100
	<b>S5</b>	/	/	0.04	0.08	2	/	/
	<b>S6</b>	/	/	0.08	0.15	4	/	/

# **mindray**

## **Lipids Calibrator**

For use on: BS-1000M, BS-2000,  
BS-2800M, BS-600M,  
BS-800

**LOT** 150423008

**EXP** 2025-02-25

