Lipids Calibrator

***Please note the target value change**

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 ApoA1 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.**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-800**: BS-800, BS-820, BS-800M, BS-820M, BS-1800, BS-1800plus;
17.**BS-2000**: BS-2000, BS-2200, BS-2000M, BS-2200M;
18.**BS-2800M**: BS-2600M.

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: 150422001 **: 2023-07-19**

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

Lipids Calibrator

***Please note the target value change**

mindray

★ **Note: The following value is applicable to 141821001 and before ApoA1 reagents.** ★

Abbreviated name		ApoA1	Calibration Rule	Logit-Log(5P)		
Model	Level	Calibrator Value[19]		Sample Vol for Dilution (μL)	Diluent Vol (μL)	Sample Vol For Analysis (μL)
		g/L	μmol/L			
BS-120 [1] R1：R2：S= 300：100：3	**S2**	0.140	5.00	20	180	3
	S3	0.410	14.6	5	194	32
	S4	0.970	34.6	9	187	35
	S5	1.67	59.6	45	180	12
	S6	2.63	93.9	/	/	3.5
BS-180 [2] R1：R2：S= 300：100：3	**S2**	0.140	5.00	20	180	3
	S3	0.410	14.6	5	194	32
	S4	0.970	34.6	9	187	35
	S5	1.67	59.6	45	180	12
	S6	2.63	93.9	/	/	3.5
BS-200 [3] R1：R2：S= 300：100：3	**S2**	0.160	5.71	20	180	3
	S3	0.500	17.9	5	194	32
	S4	1.02	36.4	9	187	35
	S5	1.65	58.9	45	180	12
	S6	2.63	93.9	/	/	3.5
BS-200E [4] R1：R2：S= 200：67：2	**S2**	0.150	5.36	15	135	2
	S3	0.550	19.6	45	135	2
	S4	1.15	41.1	45	135	4
	S5	1.75	62.5	35	140	8
	S6	2.63	93.9	/	/	2.3
BS-300 [7] R1：R2：S= 300：100：3	**S2**	0.140	5.00	20	180	3
	S3	0.490	17.5	5	194	32
	S4	1.09	38.9	9	187	35
	S5	1.81	64.6	45	180	12
	S6	2.80	100	/	/	3.5
BS-330 [8] R1：R2：S= 300：100：3	**S2**	0.160	5.71	20	180	3
	S3	0.500	17.9	5	194	32
	S4	1.02	36.4	9	187	35
	S5	1.65	58.9	45	180	12
	S6	2.63	93.9	/	/	3.5
BS-330E [9] R1：R2：S= 200：67：2	**S2**	0.150	5.36	15	135	2
	S3	0.550	19.6	45	135	2
	S4	1.15	41.1	45	135	4
	S5	1.75	62.5	35	140	8
	S6	2.63	93.9	/	/	2.3
BS-380 [11] R1：R2：S= 200：67：2	**S2**	0.150	5.36	14	126	2
	S3	0.550	19.6	40	120	2
	S4	1.15	41.1	40	120	4
	S5	1.75	62.5	30	120	8
	S6	2.63	93.9	/	/	2.3
BS-400 [12] R1：R2：S= 200：67：2	**S2**	0.150	5.36	14	126	2
	S3	0.550	19.6	40	120	2
	S4	1.16	41.4	40	120	4
	S5	1.76	62.8	30	120	8
	S6	2.63	93.9	/	/	2.3

Lipids Calibrator

***Please note the target value change**

mindray

★ Note: The following value is applicable to 141821002 and subsequent ApoA1 reagents. ★

Abbreviated name		ApoA1	Calibration Rule	Logit-Log(5P)		
Model	Level	Calibrator Value[19]		Sample Vol for Dilution (μL)	Diluent Vol (μL)	Sample Vol For Analysis (μL)
		g/L	μmol/L			
BS-120 [1] R1：R2：S= 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 [2] R1：R2：S= 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-200 [3] R1：R2：S= 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 [4] R1：R2：S= 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 [7] R1：R2：S= 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 [8] R1：R2：S= 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 [9] R1：R2：S= 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 [11] R1：R2：S= 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 [12] R1：R2：S= 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

Lipids Calibrator

***Please note the target value change**

Abbreviated name	ApoB	Calibration Rule		Logit-Log(5P)		
Model	Level	Calibrator Value[19]		Sample Vol for Dilution (μL)	Diluent Vol (μL)	Sample Vol For Analysis (μL)
		g/L	μmol/L			
BS-120 [1] R1：R2：S= 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 [2] R1：R2：S= 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-200 [3] R1：R2：S= 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 [4] R1：R2：S= 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 [7] R1：R2：S= 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 [8] R1：R2：S= 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 [9] R1：R2：S= 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 [11] R1：R2：S= 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 [12] R1：R2：S= 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

Lipids Calibrator

***Please note the target value change**

mindray

★ **Note: The following value is applicable to 141821001 and before ApoA1 reagents.** ★

Abbreviated name		ApoA1	Calibration Rule		Logit-Log(5P)	
Model	Level	Calibrator Value[19]		Sample Vol For Analysis (μL)	Sample Vol for Dilution (μL)	Diluent Vol (μL)
		g/L	μmol/L			
BS-230 [5] R1：R2：S= 200：67：2	**S2**	0.150	5.36	2	13	117
	S3	0.480	17.1	23.8	3	129
	S4	1.03	36.8	23.4	6	125
	S5	1.65	58.9	8	30	120
	S6	2.63	93.9	2.3	/	/
BS-240E [6] R1：R2：S= 200：67：2	**S2**	0.150	5.36	2	13	117
	S3	0.550	19.6	2	34	102
	S4	1.10	39.3	4	34	102
	S5	1.65	58.9	8	25	100
	S6	2.63	93.9	2.3	/	/
BS-360E [10] R1：R2：S= 200：67：2	**S2**	0.150	5.36	2	13	117
	S3	0.560	20.0	2	34	102
	S4	1.13	40.3	4	34	102
	S5	1.69	60.3	8	25	100
	S6	2.70	96.4	2.3	/	/
BS-430 [13] R1：R2：S= 200：67：2	**S2**	0.140	5.00	2	11	99
	S3	0.560	20.0	2	30	90
	S4	1.16	41.4	4	30	90
	S5	1.76	62.8	8	25	100
	S6	2.63	93.9	2.3	/	/
BS-480 [14] R1：R2：S= 200：67：2	**S2**	0.150	5.36	2	14	126
	S3	0.550	19.6	2	40	120
	S4	1.10	39.3	4	40	120
	S5	1.65	58.9	8	30	120
	S6	2.63	93.9	2.3	/	/
BS-600 [15] R1：R2：S= 200：67：2	**S2**	0.150	5.36	2	11	99
	S3	0.550	19.6	2	30	90
	S4	1.10	39.3	4	30	90
	S5	1.65	58.9	8	25	100
	S6	2.63	93.9	2.3	/	/
BS-800 [16] R1：R2：S= 200：67：2	**S2**	0.150	5.36	2	10	90
	S3	0.550	19.6	2	30	90
	S4	1.10	39.3	4	30	90
	S5	1.65	58.9	8	25	100
	S6	2.63	93.9	2.3	/	/
BS-2000 [17] R1：R2：S= 200：67：2	**S2**	0.170	6.07	2	10	90
	S3	0.570	20.3	2	25	75
	S4	1.19	42.5	4	25	75
	S5	1.79	63.9	8	25	100
	S6	2.65	94.6	2.3	/	/
BS-2800M [18] R1：R2：S= 200：67：2	**S2**	0.170	6.07	2	10	90
	S3	0.590	21.1	2	25	75
	S4	1.22	43.6	4	25	75
	S5	1.88	67.1	8	25	100
	S6	2.65	94.6	2.3	/	/

Lipids Calibrator

***Please note the target value change**

mindray

★ **Note: The following value is applicable to 141821002 and subsequent ApoA1 reagents.** ★

Abbreviated name		ApoA1	Calibration Rule		Logit-Log(5P)	
Model	Level	Calibrator Value[19]		Sample Vol For Analysis (μL)	Sample Vol for Dilution (μL)	Diluent Vol (μL)
		g/L	μmol/L			
BS-230 [5] R1：R2：S= 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 [6] R1：R2：S= 200：67：2	**S2**	0.130	4.64	2	13	117
	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 [10] R1：R2：S= 200：67：2	**S2**	0.130	4.64	2	13	117
	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 [13] R1：R2：S= 200：67：2	**S2**	0.130	4.64	2	11	99
	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 [14] R1：R2：S= 200：67：2	**S2**	0.140	5.00	2	14	126
	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 [15] R1：R2：S= 200：67：2	**S2**	0.130	4.64	2	11	99
	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 [16] R1：R2：S= 200：67：2	**S2**	0.130	4.64	2	10	90
	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 [17] R1：R2：S= 200：67：2	**S2**	0.150	5.36	2	10	90
	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 [18] R1：R2：S= 200：67：2	**S2**	0.150	5.36	2	10	90
	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**

mindray

Abbreviated name	ApoB	Calibration Rule		Logit-Log(5P)		
Model	Level	Calibrator Value[19]		Sample Vol For Analysis (μL)	Sample Vol for Dilution (μL)	Diluent Vol (μL)
		g/L	μmol/L			
BS-230 [5] R1：R2：S= 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 [6] R1：R2：S= 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 [10] R1：R2：S= 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 [13] R1：R2：S= 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 [14] R1：R2：S= 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 [15] R1：R2：S= 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 [16] R1：R2：S= 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 [17] R1：R2：S= 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 [18] R1：R2：S= 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**

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

	HDL-C	LDL-C	ApoA1	ApoB
English	HDL-Cholesterol	LDL-Cholesterol	Apolipoprotein A1	Apolipoprotein B
Русский	Холестерин ЛПВП	Холестерин ЛПНП	Аполипопротеин А1	Аполипопротеин В
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
Türkçe	HDL-Kolesterol	LDL-Kolesterol	Apolipoprotein A1	Apolipoprotein B