

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 HDL-C, LDL-C and 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.

Español : la datos de cada grupo es la misma.

Türkçe : her grubun veri aynıdır.

Português : A dados de cada grupo é a mesma.

Italiano : la dati di ogni gruppo è la stessa.

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-2600M.

20. **S1:0.9% NaCl, Conc. Of S1=0;**

Português : **S1:0,9% NaCl, Conc. de S1=0;**

Italiano : **S1:0,9% NaCl, conc. di S1=0;**

Русский : **S1: 0,9% NaCl, конц. S1=0;**

Español : **S1:0,9% NaCl, Conc. de S1=0;**

Türkçe : **S1:%0,9 NaCl, S1 Kons.=0.**

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	Объем	Объем пробы для анализа
Português	Valor de calibração	Volume da amostra	Volume de	Volume da amostra
Español	Valor de calibración	Vol. muestra para dilución	Vol. diluyente	Vol. muestra para análisis
Italiano	Valore di calibrazione	Vol. campione per	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 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
Türkçe	HDL-Kolesterol	LDL-Kolesterol	Apolipoprotein A1	Apolipoprotein B

LOT: 150423002

EXP: 2024-04-30

★ **HDL-C target changes. Please select the corresponding target.** ★

	Unit	BS-120 ¹	BS-180 ²	BS-200 ³	BS-200E ⁴	BS-230 ⁵	BS-240E ⁶	BS-300 ⁷	BS-330 ⁸	BS-330E ⁹	BS-360E ¹⁰
HDL-C Reagent lot: 142121006 and before	mmol/L	2.59	2.59	2.57	2.69	2.59	2.76	2.69	2.57	2.69	2.76
	mg/dL	100	100	99.4	104	100	107	104	99.4	104	107
	Unit	BS-380 ¹¹	BS-400 ¹²	BS-430 ¹³	BS-480 ¹⁴	BS-600 ¹⁵	BS-600M ¹⁶	BS-800 ¹⁷	BS-2000 ¹⁸	BS-2800M ¹⁹	
	mmol/L	2.69	2.69	2.76	2.76	2.76	2.68	2.76	2.74	2.72	
	mg/dL	104	104	107	107	107	104	107	106	105	

	Unit	BS-120 ¹	BS-180 ²	BS-200 ³	BS-200E ⁴	BS-230 ⁵	BS-240E ⁶	BS-300 ⁷	BS-330 ⁸	BS-330E ⁹	BS-360E ¹⁰
HDL-C Reagent lot: 142121007 and subsequent	mmol/L	2.47	2.47	2.45	2.56	2.47	2.63	2.56	2.45	2.56	2.63
	mg/dL	95.5	95.5	94.7	99.0	95.5	102	99.0	94.7	99.0	102
	Unit	BS-380 ¹¹	BS-400 ¹²	BS-430 ¹³	BS-480 ¹⁴	BS-600 ¹⁵	BS-600M ¹⁶	BS-800 ¹⁷	BS-2000 ¹⁸	BS-2800M ¹⁹	
	mmol/L	2.56	2.56	2.63	2.63	2.63	2.55	2.63	2.61	2.59	
	mg/dL	99.0	99.0	102	102	102	98.6	102	101	100	

★ *LDL-C target changes. Please select the corresponding target.* ★

LDL-C Reagent lot: 142021010 and before	Unit	BS-120¹	BS-180²	BS-200³	BS-200E⁴	BS-230⁵	BS-240E⁶	BS-300⁷	BS-330⁸	BS-330E⁹	BS-360E¹⁰	
	mmol/L	2.38	2.38	2.38	2.46	2.38	2.59	2.46	2.38	2.46	2.59	
	mg/dL	92.0	92.0	92.0	95.1	92.0	100	95.1	92.0	95.1	100	
	Unit	BS-380¹¹	BS-400¹²	BS-430¹³	BS-480¹⁴	BS-600¹⁵	BS-600M¹⁶	BS-800¹⁷	BS-2000¹⁸	BS-2800M¹⁹		
	mmol/L	2.46	2.46	2.59	2.59	2.59	2.63	2.59	2.55	2.63		
	mg/dL	95.1	95.1	100	100	100	102	100	98.6	102		
LDL-C Reagent lot: 142021011 142021012	Unit	BS-120¹	BS-180²	BS-200³	BS-200E⁴	BS-230⁵	BS-240E⁶	BS-300⁷	BS-330⁸	BS-330E⁹	BS-360E¹⁰	
	mmol/L	1.99	1.99	1.99	2.03	1.99	2.26	2.03	1.99	2.03	2.26	
	mg/dL	76.9	76.9	76.9	78.5	76.9	87.4	78.5	76.9	78.5	87.4	
	Unit	BS-380¹¹	BS-400¹²	BS-430¹³	BS-480¹⁴	BS-600¹⁵	BS-600M¹⁶	BS-800¹⁷	BS-2000¹⁸	BS-2800M¹⁹		
	mmol/L	2.03	2.03	2.26	2.26	2.26	2.29	2.26	2.29	2.29		
	mg/dL	78.5	78.5	87.4	87.4	87.4	88.5	87.4	88.5	88.5		
LDL-C Reagent lot: 142022001 142022002 142022003 142022004	Unit	BS-120¹	BS-180²	BS-200³	BS-200E⁴	BS-230⁵	BS-240E⁶	BS-300⁷	BS-330⁸	BS-330E⁹	BS-360E¹⁰	
	mmol/L	1.70	1.70	1.70	1.74	1.70	2.00	1.74	1.70	1.74	2.00	
	mg/dL	65.7	65.7	65.7	67.3	65.7	77.3	67.3	65.7	67.3	77.3	
	Unit	BS-380¹¹	BS-400¹²	BS-430¹³	BS-480¹⁴	BS-600¹⁵	BS-600M¹⁶	BS-800¹⁷	BS-2000¹⁸	BS-2800M¹⁹		
	mmol/L	1.74	1.74	2.00	2.00	2.00	2.03	2.00	2.03	2.03		
	mg/dL	67.3	67.3	77.3	77.3	77.3	78.5	77.3	78.5	78.5		
LDL-C Reagent lot: 142022005 142022007 142022008 142022009 142022010	Unit	BS-120¹	BS-180²	BS-200³	BS-200E⁴	BS-230⁵	BS-240E⁶	BS-300⁷	BS-330⁸	BS-330E⁹	BS-360E¹⁰	
	mmol/L	1.59	1.59	1.59	1.65	1.59	1.87	1.65	1.59	1.65	1.87	
	mg/dL	61.5	61.5	61.5	63.8	61.5	72.3	63.8	61.5	63.8	72.3	
	Unit	BS-380¹¹	BS-400¹²	BS-430¹³	BS-480¹⁴	BS-600¹⁵	BS-600M¹⁶	BS-800¹⁷	BS-2000¹⁸	BS-2800M¹⁹		
	mmol/L	1.65	1.65	1.87	1.87	1.87	1.91	1.87	1.90	1.91		
	mg/dL	63.8	63.8	72.3	72.3	72.3	73.8	72.3	73.5	73.8		
LDL-C Reagent lot: 142022011 142022012	Unit	BS-120¹	BS-180²	BS-200³	BS-200E⁴	BS-230⁵	BS-240E⁶	BS-300⁷	BS-330⁸	BS-330E⁹	BS-360E¹⁰	
	mmol/L	1.99	1.99	1.99	2.03	1.99	2.26	2.03	1.99	2.03	2.26	
	mg/dL	76.9	76.9	76.9	78.5	76.9	87.4	78.5	76.9	78.5	87.4	
	Unit	BS-380¹¹	BS-400¹²	BS-430¹³	BS-480¹⁴	BS-600¹⁵	BS-600M¹⁶	BS-800¹⁷	BS-2000¹⁸	BS-2800M¹⁹		
	mmol/L	2.03	2.03	2.26	2.26	2.26	2.29	2.26	2.29	2.29		
	mg/dL	78.5	78.5	87.4	87.4	87.4	88.5	87.4	88.5	88.5		
LDL-C Reagent lot: 142022013 142022014 142022015	Unit	BS-120¹	BS-180²	BS-200³	BS-200E⁴	BS-230⁵	BS-240E⁶	BS-300⁷	BS-330⁸	BS-330E⁹	BS-360E¹⁰	
	mmol/L	2.07	2.07	2.07	2.15	2.07	2.35	2.15	2.07	2.15	2.35	
	mg/dL	80.0	80.0	80.0	83.1	80.0	90.9	83.1	80.0	83.1	90.9	
	Unit	BS-380¹¹	BS-400¹²	BS-430¹³	BS-480¹⁴	BS-600¹⁵	BS-600M¹⁶	BS-800¹⁷	BS-2000¹⁸	BS-2800M¹⁹		
	mmol/L	2.15	2.15	2.35	2.35	2.35	2.42	2.35	2.30	2.42		
	mg/dL	83.1	83.1	90.9	90.9	90.9	93.6	90.9	88.9	93.6		
LDL-C Reagent lot: 142022016 142023001	Unit	BS-120¹	BS-180²	BS-200³	BS-200E⁴	BS-230⁵	BS-240E⁶	BS-300⁷	BS-330⁸	BS-330E⁹	BS-360E¹⁰	
	mmol/L	1.82	1.82	1.82	2.02	1.82	2.09	2.02	2.02	2.02	2.09	
	mg/dL	70.4	70.4	70.4	78.1	70.4	80.8	78.1	78.1	78.1	80.8	
	Unit	BS-380¹¹	BS-400¹²	BS-430¹³	BS-480¹⁴	BS-600¹⁵	BS-600M¹⁶	BS-800¹⁷	BS-2000¹⁸	BS-2800M¹⁹		
	mmol/L	2.02	2.02	2.09	2.09	2.09	2.16	2.09	2.10	2.16		
	mg/dL	78.1	78.1	80.8	80.8	80.8	83.5	80.8	81.2	83.5		

See the value sheet in the reagent kit when using other batches of reagent.

Lipids Calibrator

*Please note the target value change



Abbreviated name		ApoA1	Calibration Rule		Logit-Log(5P)	
Model	Level	Calibrator Value ²⁰		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	0.100	3.57	20	180	3
	S3	0.400	14.3	5	194	32
	S4	0.960	34.3	9	187	35
	S5	1.72	61.4	45	180	12
	S6	3.00	107	/	/	3.5
	BS-180 ² R1: R2: S= 300: 100: 3	S2	0.100	3.57	20	180
S3	0.400	14.3	5	194	32	
S4	0.960	34.3	9	187	35	
S5	1.72	61.4	45	180	12	
S6	3.00	107	/	/	3.5	
BS-200 ³ R1: R2: S= 300: 100: 3	S2	0.140	5.00	20	180	3
S3	0.480	17.1	5	194	32	
S4	1.01	36.1	9	187	35	
S5	1.78	63.5	45	180	12	
S6	3.15	112	/	/	3.5	
BS-200E ⁴ R1: R2: S= 200: 67: 2	S2	0.080	2.86	15	135	2
S3	0.510	18.2	45	135	2	
S4	1.14	40.7	45	135	4	
S5	1.89	67.5	35	140	8	
S6	3.17	113	/	/	2.3	
BS-300 ⁷ R1: R2: S= 300: 100: 3	S2	0.070	2.50	20	180	3
S3	0.430	15.4	5	194	32	
S4	1.08	38.6	9	187	35	
S5	1.92	68.5	45	180	12	
S6	3.17	113	/	/	3.5	
BS-330 ⁸ R1: R2: S= 300: 100: 3	S2	0.140	5.00	20	180	3
S3	0.480	17.1	5	194	32	
S4	1.01	36.1	9	187	35	
S5	1.78	63.5	45	180	12	
S6	3.15	112	/	/	3.5	
BS-330E ⁹ R1: R2: S= 200: 67: 2	S2	0.080	2.86	15	135	2
S3	0.510	18.2	45	135	2	
S4	1.14	40.7	45	135	4	
S5	1.89	67.5	35	140	8	
S6	3.17	113	/	/	2.3	
BS-380 ¹¹ R1: R2: S= 200: 67: 2	S2	0.080	2.86	14	126	2
S3	0.520	18.6	40	120	2	
S4	1.14	40.7	40	120	4	
S5	1.79	63.9	30	120	8	
S6	3.00	107	/	/	2.3	
BS-400 ¹² R1: R2: S= 200: 67: 2	S2	0.080	2.86	14	126	2
S3	0.520	18.6	40	120	2	
S4	1.18	42.1	40	120	4	
S5	1.87	66.8	30	120	8	
S6	3.06	109	/	/	2.3	

Lipids Calibrator

*Please note the target value change **mindray**

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

Abbreviated name	ApoB	Calibration Rule		Logit-Log(5P)			
Model	Level	Calibrator Value ²⁰		Sample Vol for Dilution (μL)	Diluent Vol (μL)	Sample Vol For Analysis (μL)	
		g/L	μmol/L				
R1: R2: S= 300: 100: 3	BS-120 ¹	S2	0.220	0.429	45	180	3
		S3	0.440	0.858	45	180	6
		S4	0.890	1.74	45	180	12
		S5	1.39	2.71	/	/	3
		S6	2.65	5.17	/	/	6
		S2	0.220	0.429	45	180	3
R1: R2: S= 300: 100: 3	BS-180 ²	S3	0.440	0.858	45	180	6
		S4	0.890	1.74	45	180	12
		S5	1.39	2.71	/	/	3
		S6	2.65	5.17	/	/	6
		S2	0.240	0.468	45	180	3
		R1: R2: S= 300: 100: 3	BS-200 ³	S3	0.490	0.956	45
S4	0.960			1.87	45	180	12
S5	1.44			2.81	/	/	3
S6	2.65			5.17	/	/	6
S2	0.210			0.410	35	140	3
R1: R2: S= 300: 100: 3	BS-200E ⁴			S3	0.500	0.975	35
		S4	1.05	2.05	35	140	12
		S5	1.46	2.85	/	/	3
		S6	2.65	5.17	/	/	6
		S2	0.230	0.449	45	180	3
		R1: R2: S= 300: 100: 3	BS-300 ⁷	S3	0.510	0.995	45
S4	1.06			2.07	45	180	12
S5	1.45			2.83	/	/	3
S6	2.65			5.17	/	/	6
S2	0.240			0.468	45	180	3
R1: R2: S= 300: 100: 3	BS-330 ⁸			S3	0.490	0.956	45
		S4	0.960	1.87	45	180	12
		S5	1.44	2.81	/	/	3
		S6	2.65	5.17	/	/	6
		S2	0.210	0.410	35	140	3
		R1: R2: S= 300: 100: 3	BS-330E ⁹	S3	0.500	0.975	35
S4	1.05			2.05	35	140	12
S5	1.46			2.85	/	/	3
S6	2.65			5.17	/	/	6
S2	0.210			0.410	30	120	2
R1: R2: S= 200: 67: 2	BS-380 ¹¹			S3	0.500	0.975	30
		S4	1.05	2.05	30	120	8
		S5	1.46	2.85	/	/	2
		S6	2.65	5.17	/	/	4
		S2	0.230	0.449	30	120	2
		R1: R2: S= 200: 67: 2	BS-400 ¹²	S3	0.500	0.975	30
S4	1.04			2.03	30	120	8
S5	1.45			2.83	/	/	2
S6	2.65			5.17	/	/	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 ²⁰		Sample Vol for Dilution (μL)	Diluent Vol (μL)	Sample Vol For Analysis (μL)
		g/L	μmol/L			
R1: R2: S= 300: 100: 3	S2	0.220	0.429	45	180	3
	S3	0.440	0.858	45	180	6
	S4	0.870	1.70	45	180	12
	S5	1.35	2.63	/	/	3
	S6	2.60	5.07	/	/	6
	BS-120 ¹					
R1: R2: S= 300: 100: 3	S2	0.220	0.429	45	180	3
	S3	0.440	0.858	45	180	6
	S4	0.870	1.70	45	180	12
	S5	1.35	2.63	/	/	3
	S6	2.60	5.07	/	/	6
	BS-180 ²					
R1: R2: S= 300: 100: 3	S2	0.240	0.468	45	180	3
	S3	0.500	0.975	45	180	6
	S4	0.950	1.85	45	180	12
	S5	1.41	2.75	/	/	3
	S6	2.70	5.27	/	/	6
	BS-200 ³					
R1: R2: S= 300: 100: 3	S2	0.240	0.468	35	140	3
	S3	0.530	1.03	35	140	6
	S4	0.990	1.93	35	140	12
	S5	1.45	2.83	/	/	3
	S6	2.70	5.27	/	/	6
	BS-200E ⁴					
R1: R2: S= 300: 100: 3	S2	0.240	0.468	45	180	3
	S3	0.500	0.975	45	180	6
	S4	1.02	1.99	45	180	12
	S5	1.43	2.79	/	/	3
	S6	2.70	5.27	/	/	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	0.950	1.85	45	180	12
	S5	1.41	2.75	/	/	3
	S6	2.70	5.27	/	/	6
	BS-330 ⁸					
R1: R2: S= 300: 100: 3	S2	0.240	0.468	35	140	3
	S3	0.530	1.03	35	140	6
	S4	0.990	1.93	35	140	12
	S5	1.45	2.83	/	/	3
	S6	2.70	5.27	/	/	6
	BS-330E ⁹					
R1: R2: S= 200: 67: 2	S2	0.240	0.468	30	120	2
	S3	0.500	0.975	30	120	4
	S4	1.01	1.97	30	120	8
	S5	1.41	2.75	/	/	2
	S6	2.67	5.21	/	/	4
	BS-380 ¹¹					
R1: R2: S= 200: 67: 2	S2	0.250	0.488	30	120	2
	S3	0.510	0.995	30	120	4
	S4	1.01	1.97	30	120	8
	S5	1.42	2.77	/	/	2
	S6	2.70	5.27	/	/	4
	BS-400 ¹²					

Lipids Calibrator

*Please note the target value change



Abbreviated name		ApoA1	Calibration Rule		Logit-Log(5P)	
Model	Level	Calibrator Value ²⁰		Sample Vol For Analysis (μL)	Sample Vol for Dilution	Diluent Vol (μL)
		g/L	μmol/L			
BS-230 ⁵ R1: R2: S= 200: 67: 2	S2	0.070	2.50	2	13	117
	S3	0.420	15.0	23.8	3	129
	S4	1.04	37.1	23.4	6	125
	S5	1.78	63.5	8	30	120
	S6	3.12	111	2.3	/	/
	BS-240E ⁶ R1: R2: S= 200: 67: 2	S2	0.070	2.50	2	13
S3	0.520	18.6	2	34	102	
S4	1.13	40.3	4	34	102	
S5	1.73	61.8	8	25	100	
S6	3.00	107	2.3	/	/	
BS-360E ¹⁰ R1: R2: S= 200: 67: 2	S2	0.070	2.50	2	13	117
	S3	0.500	17.9	2	34	102
	S4	1.12	40.0	4	34	102
	S5	1.73	61.8	8	25	100
	S6	3.12	111	2.3	/	/
	BS-430 ¹³ R1: R2: S= 200: 67: 2	S2	0.070	2.50	2	11
S3		0.510	18.2	2	30	90
S4		1.13	40.3	4	30	90
S5		1.78	63.5	8	25	100
S6		3.15	112	2.3	/	/
BS-480 ¹⁴ R1: R2: S= 200: 67: 2		S2	0.080	2.86	2	14
	S3	0.520	18.6	2	40	120
	S4	1.17	41.8	4	40	120
	S5	1.86	66.4	8	30	120
	S6	3.00	107	2.3	/	/
	BS-600 ¹⁵ R1: R2: S= 200: 67: 2	S2	0.070	2.50	2	11
S3		0.530	18.9	2	30	90
S4		1.17	41.8	4	30	90
S5		1.85	66.0	8	25	100
S6		3.00	107	2.3	/	/
BS-600M ¹⁶ R1: R2: S= 200: 67: 2		S2	0.130	4.64	2	10
	S3	0.570	20.3	2	25	75
	S4	1.25	44.6	4	25	75
	S5	2.05	73.2	8	25	100
	S6	2.96	106	2.3	/	/
	BS-800 ¹⁷ R1: R2: S= 200: 67: 2	S2	0.080	2.86	2	10
S3		0.510	18.2	2	30	90
S4		1.12	40.0	4	30	90
S5		1.72	61.4	8	25	100
S6		3.00	107	2.3	/	/
BS-2000 ¹⁸ R1: R2: S= 200: 67: 2		S2	0.100	3.57	2	10
	S3	0.550	19.6	2	25	75
	S4	1.18	42.1	4	25	75
	S5	1.87	66.8	8	25	100
	S6	2.90	104	2.3	/	/
	BS-2800M ¹⁹ R1: R2: S= 200: 67: 2	S2	0.130	4.64	2	10
S3		0.570	20.3	2	25	75
S4		1.25	44.6	4	25	75
S5		2.05	73.2	8	25	100
S6		2.96	106	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 ²⁰		Sample Vol For Analysis (μL)	Sample Vol for Dilution	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	0.490	0.956	4	30	120
	S4	0.960	1.87	8	30	120
	S5	1.44	2.81	2	/	/
	S6	2.65	5.17	4	/	/
	BS-240E ⁶ R1: R2: S= 300: 100: 3	S2	0.240	0.468	2	25
S3	0.490	0.956	4	25	100	
S4	0.960	1.87	8	25	100	
S5	1.44	2.81	2	/	/	
S6	2.65	5.17	4	/	/	
BS-360E ¹⁰ R1: R2: S= 300: 100: 3	S2	0.240	0.468	2	25	100
	S3	0.490	0.956	4	25	100
	S4	0.960	1.87	8	25	100
	S5	1.44	2.81	2	/	/
	S6	2.65	5.17	4	/	/
	BS-430 ¹³ R1: R2: S= 200: 67: 2	S2	0.220	0.429	2	25
S3		0.490	0.956	4	25	100
S4		1.01	1.97	8	25	100
S5		1.45	2.83	2	/	/
S6		2.65	5.17	4	/	/
BS-480 ¹⁴ R1: R2: S= 200: 67: 2		S2	0.240	0.468	2	30
	S3	0.490	0.956	4	30	120
	S4	0.960	1.87	8	30	120
	S5	1.44	2.81	2	/	/
	S6	2.65	5.17	4	/	/
	BS-600 ¹⁵ R1: R2: S= 200: 67: 2	S2	0.240	0.468	2	25
S3		0.490	0.956	4	25	100
S4		0.960	1.87	8	25	100
S5		1.44	2.81	2	/	/
S6		2.65	5.17	4	/	/
BS-600M ¹⁶ R1: R2: S= 200: 67: 2		S2	0.260	0.507	2	25
	S3	0.540	1.05	4	25	100
	S4	1.12	2.18	8	25	100
	S5	1.43	2.79	2	/	/
	S6	2.76	5.38	4	/	/
	BS-800 ¹⁷ R1: R2: S= 200: 67: 2	S2	0.240	0.468	2	25
S3		0.490	0.956	4	25	100
S4		0.960	1.87	8	25	100
S5		1.44	2.81	2	/	/
S6		2.65	5.17	4	/	/
BS-2000 ¹⁸ R1: R2: S= 200: 67: 2		S2	0.250	0.488	2	25
	S3	0.510	0.995	4	25	100
	S4	1.04	2.03	8	25	100
	S5	1.40	2.73	2	/	/
	S6	2.68	5.23	4	/	/
	BS-2800M ¹⁹ R1: R2: S= 200: 67: 2	S2	0.260	0.507	2	25
S3		0.540	1.05	4	25	100
S4		1.12	2.18	8	25	100
S5		1.43	2.79	2	/	/
S6		2.76	5.38	4	/	/

Lipids Calibrator

*Please note the target value change **mindray**

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

Abbreviated name	ApoB	Calibration Rule			Logit-Log(5P)	
Model	Level	Calibrator Value ²⁰		Sample Vol For Analysis (μL)	Sample Vol for Dilution	Diluent Vol (μL)
		g/L	μmol/L			
BS-230 ⁵ R1: R2: S= 200: 67: 2	S2	0.260	0.507	2	30	120
	S3	0.500	0.975	4	30	120
	S4	0.990	1.93	8	30	120
	S5	1.41	2.75	2	/	/
	S6	2.69	5.25	4	/	/
	BS-240E ⁶ R1: R2: S= 300: 100: 3	S2	0.230	0.449	2	25
S3	0.470	0.917	4	25	100	
S4	0.950	1.85	8	25	100	
S5	1.49	2.91	2	/	/	
S6	2.70	5.27	4	/	/	
BS-360E ¹⁰ R1: R2: S= 300: 100: 3	S2	0.240	0.468	2	25	100
	S3	0.500	0.975	4	25	100
	S4	0.950	1.85	8	25	100
	S5	1.41	2.75	2	/	/
	S6	2.70	5.27	4	/	/
	BS-430 ¹³ R1: R2: S= 200: 67: 2	S2	0.230	0.449	2	25
S3		0.470	0.917	4	25	100
S4		0.950	1.85	8	25	100
S5		1.36	2.65	2	/	/
S6		2.60	5.07	4	/	/
BS-480 ¹⁴ R1: R2: S= 200: 67: 2		S2	0.240	0.468	2	30
	S3	0.520	1.01	4	30	120
	S4	1.01	1.97	8	30	120
	S5	1.43	2.79	2	/	/
	S6	2.70	5.27	4	/	/
	BS-600 ¹⁵ R1: R2: S= 200: 67: 2	S2	0.220	0.429	2	25
S3		0.490	0.956	4	25	100
S4		1.01	1.97	8	25	100
S5		1.43	2.79	2	/	/
S6		2.70	5.27	4	/	/
BS-600M ¹⁶ R1: R2: S= 200: 67: 2		S2	0.230	0.449	2	25
	S3	0.520	1.01	4	25	100
	S4	1.09	2.13	8	25	100
	S5	1.38	2.69	2	/	/
	S6	2.70	5.27	4	/	/
	BS-800 ¹⁷ R1: R2: S= 200: 67: 2	S2	0.240	0.468	2	25
S3		0.500	0.975	4	25	100
S4		0.950	1.85	8	25	100
S5		1.41	2.75	2	/	/
S6		2.70	5.27	4	/	/
BS-2000 ¹⁸ R1: R2: S= 200: 67: 2		S2	0.240	0.468	2	25
	S3	0.510	0.995	4	25	100
	S4	1.01	1.97	8	25	100
	S5	1.38	2.69	2	/	/
	S6	2.69	5.25	4	/	/
	BS-2800M ¹⁹ R1: R2: S= 200: 67: 2	S2	0.250	0.488	2	25
S3		0.550	1.07	4	25	100
S4		1.10	2.15	8	25	100
S5		1.40	2.73	2	/	/
S6		2.70	5.27	4	/	/