

## 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-180, BS-190;

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

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

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

5.**BS-240E**: BS240E, BS240Pro;

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

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

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

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

9.**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");

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

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

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

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

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

15.**BS-600M**: BS-600M,

16.**BS-620M**: 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.

**LOT** : 150123012

**EXP** : 2025-12-07

Abbreviated name	Unit	Calibration Value									
		BS-120 <sup>1</sup>	BS-200 <sup>2</sup>	BS-200E <sup>3</sup>	BS-230 <sup>4</sup>	BS-240E <sup>5</sup>	BS-300 <sup>6</sup>	BS-330 <sup>7</sup>	BS-330E <sup>8</sup>	BS-360E <sup>9</sup>	BS-380 <sup>10</sup>
ALB II	g/L	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
	μmol/L	523	523	523	523	523	523	523	523	523	523
ALP	U/L	246	246	246	246	246	246	246	246	246	246
	μkat/L	4.11	4.11	4.11	4.11	4.11	4.11	4.11	4.11	4.11	4.11
ALT	U/L	109	109	109	109	109	109	109	109	109	109
	μkat/L	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82
α-AMY	U/L	202	202	202	202	202	202	202	202	202	202
	μkat/L	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37
AST	U/L	104	104	102	104	102	102	104	102	102	102
	μkat/L	1.74	1.74	1.70	1.74	1.70	1.70	1.74	1.70	1.70	1.70
Bil-D(DSA) II	μmol/L	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
	mg/dL	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77
Bil-D(VOX)	μmol/L	39.7	40.3	38.5	39.1	39.4	39.1	40.3	38.5	39.1	39.1
	mg/dL	2.32	2.36	2.25	2.29	2.30	2.29	2.36	2.25	2.29	2.29
Bil-T(DSA) II	μmol/L	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
	mg/dL	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89
Bil-T(VOX)	μmol/L	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
	mg/dL	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27
Ca	mmol/L	2.66	2.66	2.66	2.66	2.71	2.58	2.66	2.66	2.66	2.66
	mg/dL	10.7	10.7	10.7	10.7	10.9	10.3	10.7	10.7	10.7	10.7

# Multi Sera Calibrator



Abbreviated name	Unit	Calibration Value									
		BS-120 <sup>1</sup>	BS-200 <sup>2</sup>	BS-200E <sup>3</sup>	BS-230 <sup>4</sup>	BS-240E <sup>5</sup>	BS-300 <sup>6</sup>	BS-330 <sup>7</sup>	BS-330E <sup>8</sup>	BS-360E <sup>9</sup>	BS-380 <sup>10</sup>
TC	mmol/L	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06
	mg/dL	157	157	157	157	157	157	157	157	157	157
CK	U/L	351	351	351	351	351	351	351	351	351	351
	μkat/L	5.86	5.86	5.86	5.86	5.86	5.86	5.86	5.86	5.86	5.86
Crea(SOX)	μmol/L	363	363	367	367	367	367	363	367	367	367
	mg/dL	4.11	4.11	4.15	4.15	4.15	4.15	4.11	4.15	4.15	4.15
GLU(GOD)	mmol/L	10.6	10.6	10.6	10.6	10.7	10.6	10.6	10.6	10.6	10.6
	mg/dL	191	191	191	191	193	191	191	191	191	191
GLU(HK)	mmol/L	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
	mg/dL	193	193	193	193	193	193	193	193	193	193
GGT	U/L	106	106	106	106	106	106	106	106	106	106
	μkat/L	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77
α-HBDH	U/L	293	293	293	293	293	293	293	293	293	293
	μkat/L	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89
LDH	U/L	254	254	254	254	254	254	254	254	254	254
	μkat/L	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24
Mg II	mmol/L	1.18	1.17	1.16	1.16	1.16	1.16	1.17	1.16	1.17	1.16
	mg/dL	2.87	2.84	2.82	2.82	2.82	2.82	2.84	2.82	2.84	2.82
P	mmol/L	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63
	mg/dL	5.05	5.05	5.05	5.05	5.05	5.05	5.05	5.05	5.05	5.05
TP	g/L	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
P II	mmol/L	1.70	1.73	1.74	1.68	1.70	1.70	1.73	1.74	1.70	1.72
	mg/dL	5.27	5.36	5.39	5.21	5.27	5.27	5.36	5.39	5.27	5.33
TP II	g/L	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
TG	mmol/L	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52
	mg/dL	135	135	135	135	135	135	135	135	135	135
UA	μmol/L	309	309	309	309	309	309	309	309	309	309
	mg/dL	5.19	5.19	5.19	5.19	5.19	5.19	5.19	5.19	5.19	5.19
Urea	mmol/L	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
	mg/dL	103	103	103	103	103	103	103	103	103	103
LIP	U/L	92.7	92.7	94.6	94.6	94.6	94.6	/	94.6	94.6	94.6
	μkat/L	1.55	1.55	1.58	1.58	1.58	1.58	/	1.58	1.58	1.58
CHE	U/L	/	5197	5197	5197	5197	5197	/	5197	5197	5197
	μkat/L	/	86.8	86.8	86.8	86.8	86.8	/	86.8	86.8	86.8

# Multi Sera Calibrator



Abbreviated name	Unit	Calibration Value								
		BS-400 <sup>11</sup>	BS-430 <sup>12</sup>	BS-480 <sup>13</sup>	BS-600 <sup>14</sup>	BS-600M <sup>15</sup>	BS-620M <sup>16</sup>	BS-800 <sup>17</sup>	BS-2000 <sup>18</sup>	BS-2800M <sup>19</sup>
ALB II	g/L	34.4	34.4	34.4	34.4	34.3	34.3	34.4	34.4	34.3
	μmol/L	523	523	523	523	521	521	523	523	521
ALP	U/L	246	246	246	246	250	250	246	249	250
	μkat/L	4.11	4.11	4.11	4.11	4.18	4.18	4.11	4.16	4.18
ALT	U/L	109	109	109	109	109	109	109	109	109
	μkat/L	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82
α-AMY	U/L	202	202	202	202	204	204	202	202	204
	μkat/L	3.37	3.37	3.37	3.37	3.41	3.41	3.37	3.37	3.41
AST	U/L	102	102	102	102	104	104	102	102	104
	μkat/L	1.70	1.70	1.70	1.70	1.74	1.74	1.70	1.70	1.74
Bil-D(DSA) II	μmol/L	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.5
	mg/dL	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.78
Bil-D(VOX)	μmol/L	40.1	39.1	39.7	39.1	39.9	39.9	39.1	39.5	39.8
	mg/dL	2.35	2.29	2.32	2.29	2.33	2.33	2.29	2.31	2.33
Bil-T(DSA) II	μmol/L	83.7	83.7	83.7	83.7	84.3	84.3	83.7	84.6	84.3
	mg/dL	4.89	4.89	4.89	4.89	4.93	4.93	4.89	4.95	4.93
Bil-T(VOX)	μmol/L	73.0	73.0	73.0	73.0	73.2	73.2	73.0	73.7	73.2
	mg/dL	4.27	4.27	4.27	4.27	4.28	4.28	4.27	4.31	4.28
Ca	mmol/L	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.71	2.69
	mg/dL	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.9	10.8
TC	mmol/L	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.09	4.06
	mg/dL	157	157	157	157	157	157	157	158	157
CK	U/L	351	351	351	351	347	347	351	345	347
	μkat/L	5.86	5.86	5.86	5.86	5.79	5.79	5.86	5.76	5.79
Crea(SOX)	μmol/L	367	367	367	367	363	337	340	337	337
	mg/dL	4.15	4.15	4.15	4.15	4.11	3.81	3.85	3.81	3.81
GLU(GOD)	mmol/L	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.7	10.7
	mg/dL	191	191	191	191	191	191	191	193	193
GLU(HK)	mmol/L	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.8	10.8
	mg/dL	193	193	193	193	193	193	193	195	195
GGT	U/L	106	106	106	106	105	105	106	105	105
	μkat/L	1.77	1.77	1.77	1.77	1.75	1.75	1.77	1.75	1.75
α-HBDH	U/L	293	293	293	293	293	293	293	294	293
	μkat/L	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.91	4.89
LDH	U/L	254	254	254	254	253	253	254	254	253
	μkat/L	4.24	4.24	4.24	4.24	4.23	4.23	4.24	4.24	4.23
Mg II	mmol/L	1.16	1.16	1.16	1.16	1.17	1.17	1.16	1.17	1.17
	mg/dL	2.82	2.82	2.82	2.82	2.84	2.84	2.82	2.84	2.84
P	mmol/L	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.64	/
	mg/dL	5.05	5.05	5.05	5.05	5.05	5.05	5.05	5.08	/
TP	g/L	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.6	/
P II	mmol/L	1.72	1.70	1.73	1.70	1.72	1.72	1.70	1.73	1.72
	mg/dL	5.33	5.27	5.36	5.27	5.33	5.33	5.27	5.36	5.33
TP II	g/L	51.6	51.6	51.6	51.6	52.0	52.0	51.6	51.9	52.0
TG	mmol/L	1.52	1.52	1.52	1.52	1.54	1.54	1.52	1.54	1.54
	mg/dL	135	135	135	135	136	136	135	136	136
UA	μmol/L	309	309	309	309	307	307	309	309	307
	mg/dL	5.19	5.19	5.19	5.19	5.16	5.16	5.19	5.19	5.16
Urea	mmol/L	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.2	17.1
	mg/dL	103	103	103	103	103	103	103	103	103
LIP	U/L	94.6	94.6	94.6	94.6	95.6	95.6	94.6	94.6	95.6
	μkat/L	1.58	1.58	1.58	1.58	1.60	1.60	1.58	1.58	1.60
CHE	U/L	5197	5197	5197	5197	5248	5248	5197	5231	5248
	μkat/L	86.8	86.8	86.8	86.8	87.6	87.6	86.8	87.4	87.6

English	Abbreviated name	Unit	Calibration Rule
<b>Русский</b>	сокращенное наименование	Прибор	Принцип калибровки
<b>Português</b>	Nome abreviado	Unidade	Regra de calibração
<b>Español</b>	nombre abreviado	Unidad	Regla de calibración
<b>Italiano</b>	abbreviazione	Unità	Regola di calibrazione
<b>Türkçe</b>	kısaltılmış ad	Ünite	Kalibrasyon Kuralı

	ALB	ALP	ALT	$\alpha$ -AMY
<b>English</b>	Albumin	Alkaline Phosphatase	Alanine Aminotransferase	$\alpha$ -Amylase
<b>Русский</b>	Альбумин	Щелочная фосфатаза	Аланинаминотрансфераза	$\alpha$ -амилаза
<b>Português</b>	Albumina	Fosfatase Alcalina	Alanina Aminotransferase	$\alpha$ -Amilase
<b>Español</b>	Albumina	Fosfatasa alcalina	Alanina aminotransferasa	$\alpha$ -amilasa
<b>Italiano</b>	Albumina	Fosfatasi alcalina	Alanina aminotransferasi	$\alpha$ -amilasi
<b>Türkçe</b>	Albümin	Alkalin fosfataz	Alanin Aminotransferaz	$\alpha$ -Amilaz

	AST	Bil-D	Bil-T	Ca
<b>English</b>	Aspartate Aminotransferase	Direct Bilirubin	Total Bilirubin	Calcium
<b>Русский</b>	Аспартатаминотрансфераза	Прямой билирубин	Общий билирубин	Кальций
<b>Português</b>	Aspartato aminotransferase	Bilirrubina Direta	Bilirrubina Total	Cálcio
<b>Español</b>	Aspartato aminotransferasa	Bilirrubina directa	Bilirrubina total	Calcio
<b>Italiano</b>	Aspartato aminotransferasi	Bilirubina diretta	Bilirubina totale	Calcio
<b>Türkçe</b>	Aspartat Aminotransferaz	Direkt Bilirubin	Toplam Bilirubin	Kalsiyum

	TC	CK	Crea	GLU	GGT
<b>English</b>	Total Cholesterol	Creatine Kinase	Creatinine	Glucose	Gamma-Glutamyltransferase
<b>Русский</b>	Общий холестерин	Креатинкиназа	Креатинин	Глюкоза	Гамма-глутамилтрансфераза
<b>Português</b>	Colesterol Total	Creatina Quinase	Creatinina	Glicose	Gama Glutamil Transferase
<b>Español</b>	Colesterol total	Creatina quinasa	Creatinina	Glucosa	Gamma-Glutamiltransferasa
<b>Italiano</b>	Colesterolo totale	Creatina chinasi	Creatinina	Glucosio	Gamma-glutamiltransferasi
<b>Türkçe</b>	Toplam Kolesterol	Kreatin Kinaz	Kreatinin	Glikoz	Gama-Glutamiltransferaz

	$\alpha$ -HBDH	LDH	Mg	P
<b>English</b>	$\alpha$ -Hydroxybutyrate Dehydrogenase	Lactate Dehydrogenase	Magnesium	Phosphorus
<b>Русский</b>	$\alpha$ -гидроксибутиратдегидрогеназа	Лактатдегидрогеназа	Магний	Фосфор
<b>Português</b>	$\alpha$ -Hidroxi butirato Desidrogenase	Lactato Desidrogenase	Magnésio	Fósforo
<b>Español</b>	$\alpha$ -hidroxibutirato deshidrogenasa	lactato deshidrogenasa	Magnesio	Fósforo
<b>Italiano</b>	$\alpha$ -idrossibutirato deidrogenasi	Lattato deidrogenasi	Magnesio	Fosforo
<b>Türkçe</b>	$\alpha$ -Hidroksibutirat Dehidrojenaz	Laktat Dehidrojenaz	Magnezyum	Fosfor

	TP	TG	UA	Urea	LIP	CHE
<b>English</b>	Total Protein	Triglycerides	Uric Acid	Urea	Lipase	Cholinesterase
<b>Русский</b>	Общий белок	Триглицериды	Мочевая кислота	Мочевина	Липаза	Холинэстераза
<b>Português</b>	Proteína Total	Triglicérideos	Ácido Úrico	Ureia	Lipase	Colinesterase
<b>Español</b>	Proteínas totales	Triglicéridos	Ácido úrico	Urea	Lipasa	Colinesterasa
<b>Italiano</b>	Proteina totale	Trigliceridi	Acido urico	Urea	lipasi	colinesterasi
<b>Türkçe</b>	Toplam Protein	Trigliserit	Ürik Asit	Üre	lipasi	Kolinesteraz