

## 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 Bil-D 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, BS-240VET;
- 6. **BS-240E**: BS240E, BS240Pro;
- 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;
- 17. **BS-620M**: BS-620M;
- 18. **BS-800**: BS-800, BS-820, BS-800M, BS-820M,  
 BS-1800, BS-1800plus;
- 19. **BS-2000**: BS-2000, BS-2200, BS-2000M, BS-2200M;
- 20. **BS-2800M**: BS-2600M.

**LOT** : 150122006

**EXP** : 2023-10-31

Abbreviated name	Unit	Calibration Value									
		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>	BS-300 <sup>7</sup>	BS-330 <sup>8</sup>	BS-330E <sup>9</sup>	BS-360E <sup>10</sup>
<b>ALB II</b>	g/L	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
	µmol/L	529	529	529	529	529	529	529	529	529	529
<b>ALP</b>	U/L	204	204	204	204	204	204	204	204	204	204
	µkat/L	3.41	3.41	3.41	3.41	3.41	3.41	3.41	3.41	3.41	3.41
<b>ALT</b>	U/L	108	108	108	108	108	108	108	108	108	108
	µkat/L	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
<b>α-AMY</b>	U/L	213	213	213	213	213	213	213	213	213	213
	µkat/L	3.56	3.56	3.56	3.56	3.56	3.56	3.56	3.56	3.56	3.56
<b>AST</b>	U/L	112	112	112	112	112	112	112	112	112	112
	µkat/L	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87
<b>Bil-D(DSA) II</b>	µmol/L	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
	mg/dL	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71
<b>Bil-D(VOX)</b> (after 21004)	µmol/L	41.2	41.2	41.2	41.2	42.0	41.2	41.2	41.2	41.2	41.2
	mg/dL	2.41	2.41	2.41	2.41	2.46	2.41	2.41	2.41	2.41	2.41
<b>Bil-D(VOX)</b> (before 21003)	µmol/L	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
	mg/dL	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73
*Note: "after 21004" means this reference value is only applicable to 140721004 and subsequent batch Bil-D(VOX) reagents, "before 21003" means this reference value is only applicable to 140721004 and before batch Bil-D(VOX) reagents.											
<b>Bil-T(DSA) II</b>	µmol/L	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
	mg/dL	5.11	5.11	5.11	5.11	5.11	5.11	5.11	5.11	5.11	5.11

Abbreviated name	Unit	Calibration Value									
		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>	BS-300 <sup>7</sup>	BS-330 <sup>8</sup>	BS-330E <sup>9</sup>	BS-360E <sup>10</sup>
<b>Bil-T(VOX)</b>	μmol/L	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
	mg/dL	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61
<b>Ca</b>	mmol/L	2.77	2.77	2.77	2.77	2.77	2.77	2.66	2.77	2.77	2.77
	mg/dL	11.1	11.1	11.1	11.1	11.1	11.1	10.7	11.1	11.1	11.1
<b>TC</b>	mmol/L	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01
	mg/dL	155	155	155	155	155	155	155	155	155	155
<b>CK</b>	U/L	350	350	350	350	350	350	350	350	350	350
	μkat/L	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85
<b>Crea(SOX)</b>	μmol/L	358	358	358	356	358	358	356	358	356	358
	mg/dL	4.05	4.05	4.05	4.03	4.05	4.05	4.03	4.05	4.03	4.05
<b>GLU(GOD)</b>	mmol/L	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
	mg/dL	195	195	195	195	195	195	195	195	195	195
<b>GLU(HK)</b>	mmol/L	11.0	11.0	11.0	11.0	11.0	10.7	11.0	11.0	11.0	10.7
	mg/dL	198	198	198	198	198	193	198	198	198	193
<b>GGT</b>	U/L	142	142	142	142	142	142	142	142	142	142
	μkat/L	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37
<b>α-HBDH</b>	U/L	279	279	279	279	279	279	279	279	279	279
	μkat/L	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66
<b>LDH</b>	U/L	250	250	250	250	250	250	250	250	250	250
	μkat/L	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18
<b>Mg II</b>	mmol/L	1.18	1.18	1.18	1.18	1.18	1.16	1.16	1.18	1.18	1.18
	mg/dL	2.87	2.87	2.87	2.87	2.87	2.82	2.82	2.87	2.87	2.87
<b>P</b>	mmol/L	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
	mg/dL	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96
<b>TP</b>	g/L	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
<b>P II</b>	mmol/L	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71
	mg/dL	5.30	5.30	5.30	5.30	5.30	5.30	5.30	5.30	5.30	5.30
<b>TP II</b>	g/L	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
<b>TG</b>	mmol/L	1.54	1.54	1.54	1.54	1.54	1.54	1.54	1.54	1.54	1.54
	mg/dL	136	136	136	136	136	136	136	136	136	136
<b>UA</b>	μmol/L	304	304	304	304	304	304	304	304	304	304
	mg/dL	5.11	5.11	5.11	5.11	5.11	5.11	5.11	5.11	5.11	5.11
<b>Urea</b>	mmol/L	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
	mg/dL	103	103	103	103	103	103	103	103	103	103
<b>LIP</b>	U/L	91.3	/	91.3	91.3	91.3	91.3	91.3	/	91.3	91.3
	μkat/L	1.52	/	1.52	1.52	1.52	1.52	1.52	/	1.52	1.52
<b>CHE</b>	U/L	/	/	5200	5200	5200	5200	5200	/	5200	5200
	μkat/L	/	/	86.8	86.8	86.8	86.8	86.8	/	86.8	86.8

Abbreviated name	Unit	Calibration Value									
		BS-380 <sup>11</sup>	BS-400 <sup>12</sup>	BS-430 <sup>13</sup>	BS-480 <sup>14</sup>	BS-600 <sup>15</sup>	BS-600M <sup>16</sup>	BS-620M <sup>17</sup>	BS-800 <sup>18</sup>	BS-2000 <sup>19</sup>	BS-2800M <sup>20</sup>
ALB II	g/L	34.8	34.8	34.8	35.7	34.8	35.6	35.6	34.8	35.1	35.6
	μmol/L	529	529	529	543	529	541	541	529	534	541
ALP	U/L	204	204	204	204	204	206	206	204	205	206
	μkat/L	3.41	3.41	3.41	3.41	3.41	3.44	3.44	3.41	3.42	3.44
ALT	U/L	108	108	108	108	108	111	111	108	109	111
	μkat/L	1.80	1.80	1.80	1.80	1.80	1.85	1.85	1.80	1.82	1.85
α-AMY	U/L	213	213	213	213	213	217	217	213	216	217
	μkat/L	3.56	3.56	3.56	3.56	3.56	3.62	3.62	3.56	3.61	3.62
AST	U/L	112	112	112	112	112	111	111	112	112	111
	μkat/L	1.87	1.87	1.87	1.87	1.87	1.85	1.85	1.87	1.87	1.85
Bil-D(DSA) II	μmol/L	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.5
	mg/dL	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.72
Bil-D(VOX) (after 21004)	μmol/L	41.6	41.6	41.6	41.2	41.6	41.4	41.4	41.2	41.2	41.4
	mg/dL	2.43	2.43	2.43	2.41	2.43	2.42	2.42	2.41	2.41	2.42
Bil-D(VOX) (before 21003)	μmol/L	46.6	46.6	46.6	46.6	46.6	47.3	47.3	46.6	46.9	47.3
	mg/dL	2.73	2.73	2.73	2.73	2.73	2.77	2.77	2.73	2.74	2.77
<b>*Note: "after 21004" means this reference value is only applicable to 140721004 and subsequent batch Bil-D(VOX) reagents, "before 21003" means this reference value is only applicable to 140721004 and before batch Bil-D(VOX) reagents.</b>											
Bil-T(DSA) II	μmol/L	87.4	87.4	87.4	87.4	87.4	87.7	87.7	87.4	87.6	87.7
	mg/dL	5.11	5.11	5.11	5.11	5.11	5.13	5.13	5.11	5.12	5.13
Bil-T(VOX)	μmol/L	78.8	78.8	78.8	78.8	78.8	79.0	79.0	78.8	79.0	79.0
	mg/dL	4.61	4.61	4.61	4.61	4.61	4.62	4.62	4.61	4.62	4.62
Ca	mmol/L	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.80	2.77
	mg/dL	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.2	11.1
TC	mmol/L	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.00	4.00
	mg/dL	155	155	155	155	155	155	155	155	155	155
CK	U/L	350	350	350	350	350	349	349	350	350	349
	μkat/L	5.85	5.85	5.85	5.85	5.85	5.83	5.83	5.85	5.85	5.83
Crea(SOX)	μmol/L	356	358	358	358	358	358	339	339	339	339
	mg/dL	4.03	4.05	4.05	4.05	4.05	4.05	3.83	3.83	3.83	3.83
GLU(GOD)	mmol/L	10.8	10.8	10.8	10.8	10.8	10.6	10.6	10.6	10.8	10.9
	mg/dL	195	195	195	195	195	191	191	191	195	196
GLU(HK)	mmol/L	11.0	11.0	10.7	10.7	10.7	10.6	10.6	10.7	11.0	10.9
	mg/dL	198	198	193	193	193	191	191	193	198	196
GGT	U/L	142	142	142	142	142	142	142	142	142	142
	μkat/L	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37
α-HBDH	U/L	279	279	279	279	279	285	285	279	283	285
	μkat/L	4.66	4.66	4.66	4.66	4.66	4.76	4.76	4.66	4.73	4.76
LDH	U/L	250	250	250	250	250	251	251	250	252	251
	μkat/L	4.18	4.18	4.18	4.18	4.18	4.19	4.19	4.18	4.21	4.19
Mg II	mmol/L	1.16	1.16	1.16	1.16	1.16	1.18	1.18	1.16	1.17	1.18
	mg/dL	2.82	2.82	2.82	2.82	2.82	2.87	2.87	2.82	2.84	2.87
P	mmol/L	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.61	/
	mg/dL	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.99	/
TP	g/L	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.4	/
P II	mmol/L	1.71	1.71	1.71	1.71	1.71	1.73	1.73	1.71	1.73	1.73
	mg/dL	5.30	5.30	5.30	5.30	5.30	5.36	5.36	5.30	5.36	5.36
TP II	g/L	53.2	53.2	53.2	53.2	53.2	53.7	53.7	53.2	53.2	53.7
TG	mmol/L	1.54	1.54	1.54	1.54	1.54	1.60	1.60	1.54	1.57	1.60
	mg/dL	136	136	136	136	136	142	142	136	139	142
UA	μmol/L	304	304	304	304	304	311	311	304	307	311
	mg/dL	5.11	5.11	5.11	5.11	5.11	5.23	5.23	5.11	5.16	5.23
Urea	mmol/L	17.2	17.2	17.2	17.2	17.2	17.0	17.0	17.2	17.2	17.0
	mg/dL	103	103	103	103	103	102	102	103	103	102
LIP	U/L	91.3	91.3	91.3	91.3	91.3	92.5	92.5	91.3	91.3	92.5
	μkat/L	1.52	1.52	1.52	1.52	1.52	1.54	1.54	1.52	1.52	1.54
CHE	U/L	5200	5200	5200	5200	5200	5243	5243	5200	5247	5243
	μkat/L	86.8	86.8	86.8	86.8	86.8	87.6	87.6	86.8	87.6	87.6

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

  

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

  

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

  

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

  

	α-HBDH	LDH	Mg	P
English	α-Hydroxybutyrate Dehydrogenase	Lactate Dehydrogenase	Magnesium	Phosphorus
Русский	α-гидроксипутиратдегидрогеназа	Лактатдегидрогеназа	Магний	Фосфор
Português	α-Hidroxitbutirato Desidrogenase	Lactato Desidrogenase	Magnésio	Fósforo
Español	α-hidroxibutirato deshidrogenasa	lactato deshidrogenasa	Magnesio	Fósforo
Italiano	α-idrossibutirrato deidrogenasi	Lattato deidrogenasi	Magnesio	Fosforo
Türkçe	α-Hidroksibutirat Dehidrojenaz	Laktat Dehidrojenaz	Magnezyum	Fosfor

  

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