

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 : 150122008

EXP : 2023-10-31

Abbreviated name	Unit	Calibration Value									
		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
ALB II	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
ALP	U/L	203	203	203	203	203	203	203	203	203	203
	µkat/L	3.39	3.39	3.39	3.39	3.39	3.39	3.39	3.39	3.39	3.39
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	214	214	214	214	214	214	214	214	214	214
	µkat/L	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57
AST	U/L	113	113	113	113	113	113	113	113	113	113
	µkat/L	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89
Bil-D(DSA) II	µmol/L	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
	mg/dL	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71
Bil-D(VOX) (after 21004)	µmol/L	40.9	40.9	40.9	40.9	41.7	40.9	40.9	40.9	40.9	40.9
	mg/dL	2.39	2.39	2.39	2.39	2.44	2.39	2.39	2.39	2.39	2.39
Bil-D(VOX) (before 21003)	µmol/L	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
	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.											
Bil-T(DSA) II	µmol/L	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
	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 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
Bil-T(VOX)	μmol/L	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
	mg/dL	4.57	4.57	4.57	4.57	4.57	4.57	4.57	4.57	4.57	4.57
Ca	mmol/L	2.79	2.79	2.79	2.79	2.79	2.79	2.68	2.79	2.79	2.79
	mg/dL	11.2	11.2	11.2	11.2	11.2	11.2	10.7	11.2	11.2	11.2
TC	mmol/L	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02
	mg/dL	155	155	155	155	155	155	155	155	155	155
CK	U/L	349	349	349	349	349	349	349	349	349	349
	μkat/L	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83
Crea(SOX)	μmol/L	359	359	359	357	359	359	357	359	357	359
	mg/dL	4.06	4.06	4.06	4.04	4.06	4.06	4.04	4.06	4.04	4.06
GLU(GOD)	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
GLU(HK)	mmol/L	10.9	10.9	10.9	10.9	10.9	10.7	10.9	10.9	10.9	10.7
	mg/dL	196	196	196	196	196	193	196	196	196	193
GGT	U/L	143	143	143	143	143	143	143	143	143	143
	μkat/L	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39
α-HBDH	U/L	278	278	278	278	278	278	278	278	278	278
	μkat/L	4.64	4.64	4.64	4.64	4.64	4.64	4.64	4.64	4.64	4.64
LDH	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
Mg II	mmol/L	1.19	1.19	1.19	1.19	1.19	1.17	1.17	1.19	1.19	1.19
	mg/dL	2.89	2.89	2.89	2.89	2.89	2.84	2.84	2.89	2.89	2.89
P	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
TP	g/L	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
P II	mmol/L	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
	mg/dL	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27
TP II	g/L	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
TG	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
UA	μmol/L	305	305	305	305	305	305	305	305	305	305
	mg/dL	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13
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	91.2	/	91.2	91.2	91.2	91.2	91.2	/	91.2	91.2
	μkat/L	1.52	/	1.52	1.52	1.52	1.52	1.52	/	1.52	1.52
CHE	U/L	/	/	5190	5190	5190	5190	5190	/	5190	5190
	μkat/L	/	/	86.7	86.7	86.7	86.7	86.7	/	86.7	86.7

Abbreviated name	Unit	Calibration Value									
		BS-380 ¹¹	BS-400 ¹²	BS-430 ¹³	BS-480 ¹⁴	BS-600 ¹⁵	BS-600M ¹⁶	BS-620M ¹⁷	BS-800 ¹⁸	BS-2000 ¹⁹	BS-2800M ²⁰
ALB II	g/L	34.8	34.8	34.8	35.7	34.8	35.5	35.5	34.8	35.0	35.5
	μmol/L	529	529	529	543	529	540	540	529	532	540
ALP	U/L	203	203	203	203	203	205	205	203	204	205
	μkat/L	3.39	3.39	3.39	3.39	3.39	3.42	3.42	3.39	3.41	3.42
ALT	U/L	109	109	109	109	109	111	111	109	110	111
	μkat/L	1.82	1.82	1.82	1.82	1.82	1.85	1.85	1.82	1.84	1.85
α-AMY	U/L	214	214	214	214	214	217	217	214	217	217
	μkat/L	3.57	3.57	3.57	3.57	3.57	3.62	3.62	3.57	3.62	3.62
AST	U/L	113	113	113	113	113	112	112	113	112	112
	μkat/L	1.89	1.89	1.89	1.89	1.89	1.87	1.87	1.89	1.87	1.87
Bil-D(DSA) II	μmol/L	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.3	46.6
	mg/dL	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.73
Bil-D(VOX) (after 21004)	μmol/L	41.3	41.3	41.3	40.9	41.3	41.4	41.4	40.9	40.9	41.4
	mg/dL	2.42	2.42	2.42	2.39	2.42	2.42	2.42	2.39	2.39	2.42
Bil-D(VOX) (before 21003)	μmol/L	46.7	46.7	46.7	46.7	46.7	47.2	47.2	46.7	46.9	47.2
	mg/dL	2.73	2.73	2.73	2.73	2.73	2.76	2.76	2.73	2.74	2.76
*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.											
Bil-T(DSA) II	μmol/L	87.3	87.3	87.3	87.3	87.3	87.8	87.8	87.3	87.3	87.8
	mg/dL	5.11	5.11	5.11	5.11	5.11	5.13	5.13	5.11	5.11	5.13
Bil-T(VOX)	μmol/L	78.2	78.2	78.2	78.2	78.2	78.7	78.7	78.2	78.6	78.7
	mg/dL	4.57	4.57	4.57	4.57	4.57	4.60	4.60	4.57	4.60	4.60
Ca	mmol/L	2.79	2.79	2.79	2.79	2.79	2.77	2.77	2.79	2.81	2.77
	mg/dL	11.2	11.2	11.2	11.2	11.2	11.1	11.1	11.2	11.3	11.1
TC	mmol/L	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.00	3.99
	mg/dL	155	155	155	155	155	155	155	155	155	154
CK	U/L	349	349	349	349	349	351	351	349	349	351
	μkat/L	5.83	5.83	5.83	5.83	5.83	5.86	5.86	5.83	5.83	5.86
Crea(SOX)	μmol/L	357	359	359	359	359	359	339	339	340	339
	mg/dL	4.04	4.06	4.06	4.06	4.06	4.06	3.83	3.83	3.85	3.83
GLU(GOD)	mmol/L	10.8	10.8	10.8	10.8	10.8	10.7	10.7	10.6	10.8	10.9
	mg/dL	195	195	195	195	195	193	193	191	195	196
GLU(HK)	mmol/L	10.9	10.9	10.7	10.7	10.7	10.8	10.8	10.7	10.9	10.9
	mg/dL	196	196	193	193	193	195	195	193	196	196
GGT	U/L	143	143	143	143	143	143	143	143	142	143
	μkat/L	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.37	2.39
α-HBDH	U/L	278	278	278	278	278	279	279	278	282	279
	μkat/L	4.64	4.64	4.64	4.64	4.64	4.66	4.66	4.64	4.71	4.66
LDH	U/L	250	250	250	250	250	252	252	250	251	252
	μkat/L	4.18	4.18	4.18	4.18	4.18	4.21	4.21	4.18	4.19	4.21
Mg II	mmol/L	1.17	1.17	1.17	1.17	1.17	1.18	1.18	1.17	1.18	1.18
	mg/dL	2.84	2.84	2.84	2.84	2.84	2.87	2.87	2.84	2.87	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	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.7	/
P II	mmol/L	1.70	1.70	1.70	1.70	1.70	1.73	1.73	1.70	1.73	1.73
	mg/dL	5.27	5.27	5.27	5.27	5.27	5.36	5.36	5.27	5.36	5.36
TP II	g/L	53.1	53.1	53.1	53.1	53.1	53.6	53.6	53.1	53.2	53.6
TG	mmol/L	1.54	1.54	1.54	1.54	1.54	1.59	1.59	1.54	1.57	1.59
	mg/dL	136	136	136	136	136	141	141	136	139	141
UA	μmol/L	305	305	305	305	305	311	311	305	306	311
	mg/dL	5.13	5.13	5.13	5.13	5.13	5.23	5.23	5.13	5.14	5.23
Urea	mmol/L	17.1	17.1	17.1	17.1	17.1	17.0	17.0	17.1	17.2	17.0
	mg/dL	103	103	103	103	103	102	102	103	103	102
LIP	U/L	91.2	91.2	91.2	91.2	91.2	92.2	92.2	91.2	91.4	92.2
	μkat/L	1.52	1.52	1.52	1.52	1.52	1.54	1.54	1.52	1.53	1.54
CHE	U/L	5190	5190	5190	5190	5190	5245	5245	5190	5251	5245
	μkat/L	86.7	86.7	86.7	86.7	86.7	87.6	87.6	86.7	87.7	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	Albumin	Alkalın 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-hidroxitbutirato 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	Triglicerídeos	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