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.
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, BS-180, BS-190;
2.BS-200: BS-200, BS-220, BS-330, BS-350;
3.BS-200E: BS-200E, BS-220E;
4.BS-240: BS-230, BS-240;
5.BS-240E: BS240E, BS240Pro;
6.BS-300: BS-300, BS-320;
7.BS-330E:BS-330E(Serial Number starts with "XQ-"), BS-350E(Serial Number starts with "XS-")
8.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");
9.BS-380: BS-380, BS-390;
10.BS-400: BS-400, BS-420;

Русский: Данные совпадают во всех группах.
Español : la datos de cada grupo es la misma.
Türkçe : her grubun veri aynıdır.

11.BS-430: BS-430, BS-450, BS-460;
12.BS-480: BS-480, BS-490;
13.BS-600: BS-600, BS-620;
14.BS-600M: BS-600M;
15.BS-620M: BS-620M;
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, BS-2800M。
19.Applicable models of the chemistry shall be subject to the parameter list and instructions.

LOT: 059323012 **: 2025-11-21**

English	Abbreviated name	Model	Unit	Assay Value	Range (Assay Value±3SD)
Русский	сокращенное наименование	модель	Прибор	Результат анализа	Диапазон(результат анализа ± 3СО)
Português	Nome abreviado	Modelo	Unidade	Valores da análise	Faixa(Valores da análise ±3SD)
Español	nombre abreviado	modelo	Unidad	Valor de ensayo	Rango(Valor de ensayo ±3SD)
Italiano	abbreviazione	modelli	Unità	Valori di dosaggio	Intervallo(valore di concentrazione±3 DS)
Türkçe	kısaltılmış ad	model	Ünite	Tayin Değeri	Aralık (Tayin Değeri±3SD)

	ALB	ALP	ALT	α-AMY	AST
English	Albumin	Alkaline Phosphatase	Alanine Aminotransferase	α-Amylase	Aspartate Aminotransferase
Русский	Альбумин	Щелочная фосфатаза	Аланинаминотрансфераза	Альфа-амилаза	Аспартатаминотрансфераза
Português	Albumina	Fosfatáse Alcalina	Alanina Aminotransferase	α-Amilase	Aspartato Aminotransferase
Español	Albúmina	Fosfatasa alcalina	Alanina aminotransferasa	α-amilasa	Aspartato aminotransferasa
Italiano	Albumina	Fosfatasi alcalina	Alanina aminotransferasi	α-amilasi	Aspartato aminotransferasi
Türkçe	Albümin	Alkalin Fosfataz	Alanin Aminotransferaz	α-Amilaz	Aspartat Aminotransferaz

	Bil-D	Bil-T	Ca	TC	HDL-C	LDL-C
English	Direct Bilirubin	Total Bilirubin	Calcium	Total Cholesterol	HDL-Cholesterol	LDL-Cholesterol
Русский	Прямой билирубин	Общий билирубин	Кальций	Общий холестерин	Холестерин ЛПВП	Холестерин ЛПНП
Português	Bilirrubina Direta	Bilirrubina Total	Cálcio	Colesterol Total	Colesterol HDL	Colesterol LDL
Español	Bilirrubina directa	Bilirrubina total	Calcio	Colesterol total	Colesterol HDL	Colesterol LDL
Italiano	Bilirubina diretta	Bilirubina totale	Calcio	Colesterolo totale	Colesterolo HDL	Colesterolo LDL
Türkçe	Direkt Bilirubin	Total Bilirubin	Kalsiyum	Total Kolesterol	HDL-Kolesterol	LDL-Kolesterol

	CK	CK-MB	Crea	GLU	GGT
English	Creatine Kinase	Creatine Kinase-MB	Creatinine	Glucose	Gamma–Glutamyltransferase
Русский	Креатинкиназа	МВ фракцию креатинкиназы	Креатинин	Глюкоза	Гамма-глутамилтрансфераза
Português	Creatina Quinase	creatina quinase-MB	Creatinina	Glicose	Gama Glutamil Transferase
Español	Creatina quinasa	creatina quinasa-MB	Creatinina	Glucosa	Gamma–Glutamiltransferasa
Italiano	Creatina chinase	creatina chinasi-MB	Creatinina	Glucosio	Gamma–glutamiltransferasi
Türkçe	Kreatin Kinaz	Kreatin Kinaz-MB	Kreatinin	Glukoz	Gama–Glutamiltransferaz

	α-HBDH	ApoA1	ApoB	C3
English	α-Hydroxybutyrate Dehydrogenase	Apolipoprotein A1	Apolipoprotein B	Complement C3
Русский	α-гидроксибутиратдегидрогеназа	Аполипопротеин А1	Аполипопротеин В	Комплемент С3
Português	α-Hidroxibutirato Desidrogenase	Apolipoproteína A1	Apolipoproteína B	complemento C3
Español	α-hidroxibutirato deshidrogenasa	Apolipoproteína A1	Apolipoproteína B	complemento C3

Italiano	α-idrossibutirrato deidrogenasi		Apolipoproteina A1	Apolipoproteina B	complemento C3
Türkçe	α-Hidroksibütirat Dehidrogenaz		Apolipoprotein A1	Apolipoprotein B	Kompleman C3

	C4	CRP	IgA	IgG	IgM
English	Complement C4	C- Reactive protein	Immunoglobulin A	Immunoglobulin G	Immunoglobulin M
Русский	Комплемент C4	С-реактивный белок	Иммуноглобулин A	Иммуноглобулин G	Иммуноглобулин M
Português	complemento C4	proteína C-reativa	Imunoglobulina A	Imunoglobulina G	Imunoglobulina M
Español	complemento C4	proteína C reactiva	Inmunoglobulina A	Inmunoglobulina G	Inmunoglobulina M
Italiano	complemento C4	proteina C-reattiva	Immunoglobulina A	Immunoglobulina G	Immunoglobulina M
Türkçe	Kompleman C4	C-Reaktif proteini	İmmünoglobulin A	İmmünoglobulin G	İmmünoglobulin M

	PA	LDH	Mg	P	TP
English	Prealbumin	Lactate Dehydrogenase	Magnesium	Phosphorus	Total Protein
Русский	преальбумина	Лактатдегидрогеназа	Магний	Фосфор	Общий белок
Português	pré-albumina	Lactato Desidrogenase	Magnésio	Fósforo	Proteína Total
Español	Prealbúmina	Lactato deshidrogenasa	Magnesio	Fósforo	Proteínas totales
Italiano	prealbumina	Lattato deidrogenasi	Magnesio	Fosforo	Proteina totale
Türkçe	Prealbümin	Laktat Dehidrogenaz	Magnezyum	Fosfor	Total Protein

	TG	UA	Urea	LIP	CHE	Fe
English	Triglycerides	Uric Acid	Urea	Lipase	Cholinesterase	Iron
Русский	Триглицериды	Мочевая кислота	Мочевина	Липаза	Холинэстераза	Железо
Português	Triglicerídeos	Ácido Úrico	Ureia	Lipase	Colinesterase	Ferro
Español	Triglicéridos	Ácido úrico	Urea	Lipasa	Colinesterasa	Hierro
Italiano	Trigliceridi	Acido urico	Urea	Lipasi	Colinesterasi	Ferro
Türkçe	Trigliseritler	Ürik Asit	Üre	Lipaz	Kolinesteraz	Demir

	UIBC	ASO	FER	TRF
English	Unsaturated Iron Binding Capacity	Antistreptolysin "O"	Ferritin	Transferrin
Русский	ненасыщенная железосвязывающая способность	антистрептолизина О	ферритина	трансферрина
Português	Capacidade de ligação de ferro insaturado	Antiestreptolisina "O"	Ferritina	Transferrina
Español	Capacidad de unión de hierro no saturado	antiestreptolisina "O"	Ferritina	Transferrina
Italiano	Capacità di legame del ferro insaturo	Anti-Streptolisina "O"	Ferritina	Transferrina
Türkçe	Unsature Demir Bağlama Kapasitesi	Antistreptolisin "O"	Ferritin	Transferin

	Na^+	K^+	Cl^-
English	Sodium	Patassium	Chlorine
Русский	Натрий	Калий	Хлориды
Português	Sódio	Potássio	Cloro
Español	Sodio	Potasio	Cloro
Italiano	Sodio	Potassio	Cloro
Türkçe	Sodyum	Potasyum	Klor

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Assay Value	Range(Assay Value±3SD)	1 SD
ALT	U/L	BS-120[1]	54.7	46.6 — 62.8	2.7	BS-400[10]	55.1	46.7 — 63.5	2.8
		BS-200[2]	54.7	46.6 — 62.8	2.7	BS-430[11]	55.0	46.6 — 63.4	2.8
		BS-200E[3]	52.8	45.0 — 60.6	2.6	BS-480[12]	54.7	46.6 — 62.8	2.7
		BS-240[4]	54.7	46.6 — 62.8	2.7	BS-600[13]	55.0	46.6 — 63.4	2.8
		BS-240E[5]	54.0	45.9 — 62.1	2.7	BS-600M[14]	53.6	45.5 — 61.7	2.7
		BS-300[6]	54.3	46.2 — 62.4	2.7	BS-620M[15]	53.6	45.5 — 61.7	2.7
		BS-330E[7]	52.8	45.0 — 60.6	2.6	BS-800[16]	55.0	46.6 — 63.4	2.8
		BS-360E[8]	53.9	45.8 — 62.0	2.7	BS-2000[17]	54.5	46.4 — 62.6	2.7
		BS-380[9]	55.1	46.7 — 63.5	2.8	BS-2800M[18]	53.6	45.5 — 61.7	2.7
	μkat/L	BS-120[1]	0.913	0.778 — 1.049	0.045	BS-400[10]	0.920	0.780 — 1.060	0.047
		BS-200[2]	0.913	0.778 — 1.049	0.045	BS-430[11]	0.919	0.778 — 1.059	0.047
		BS-200E[3]	0.882	0.752 — 1.012	0.043	BS-480[12]	0.913	0.778 — 1.049	0.045
		BS-240[4]	0.913	0.778 — 1.049	0.045	BS-600[13]	0.919	0.778 — 1.059	0.047
		BS-240E[5]	0.902	0.767 — 1.037	0.045	BS-600M[14]	0.895	0.760 — 1.030	0.045
		BS-300[6]	0.907	0.772 — 1.042	0.045	BS-620M[15]	0.895	0.760 — 1.030	0.045
		BS-330E[7]	0.882	0.752 — 1.012	0.043	BS-800[16]	0.919	0.778 — 1.059	0.047

ClinChem Multi Control (level 1)

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Assay Value	Range(Assay Value±3SD)	1 SD
ALT	μkat/L	BS-360E[8]	0.900	0.765 — 1.035	0.045	BS-2000[17]	0.910	0.775 — 1.045	0.045
		BS-380[9]	0.920	0.780 — 1.060	0.047	BS-2800M[18]	0.895	0.760 — 1.030	0.045
ASO Ⅱ	IU/mL	BS-200E[3]	115	76 — 154	13	BS-480[12]	119	77 — 161	14
		BS-240[4]	118	76 — 160	14	BS-600[13]	119	77 — 161	14
		BS-240E[5]	119	77 — 161	14	BS-600M[14]	117	75 — 159	14
		BS-360E[8]	119	77 — 161	14	BS-620M[15]	117	75 — 159	14
		BS-380[9]	115	76 — 154	13	BS-800[16]	119	77 — 161	14
		BS-400[10]	115	76 — 154	13	BS-2000[17]	116	74 — 158	14
		BS-430[11]	119	77 — 161	14	BS-2800M[18]	117	75 — 159	14
AST	U/L	BS-120[1]	47.8	40.6 — 55.0	2.4	BS-400[10]	47.3	40.1 — 54.5	2.4
		BS-200[2]	47.8	40.6 — 55.0	2.4	BS-430[11]	48.9	41.7 — 56.1	2.4
		BS-200E[3]	44.9	38.3 — 51.5	2.2	BS-480[12]	48.9	41.7 — 56.1	2.4
		BS-240[4]	48.1	40.9 — 55.3	2.4	BS-600[13]	48.9	41.7 — 56.1	2.4
		BS-240E[5]	48.9	41.7 — 56.1	2.4	BS-600M[14]	48.2	41.0 — 55.4	2.4
		BS-300[6]	47.3	40.1 — 54.5	2.4	BS-620M[15]	48.2	41.0 — 55.4	2.4
		BS-330E[7]	44.9	38.3 — 51.5	2.2	BS-800[16]	48.9	41.7 — 56.1	2.4
		BS-360E[8]	48.9	41.7 — 56.1	2.4	BS-2000[17]	49.2	41.7 — 56.7	2.5
		BS-380[9]	47.3	40.1 — 54.5	2.4	BS-2800M[18]	48.2	41.0 — 55.4	2.4
	μkat/L	BS-120[1]	0.798	0.678 — 0.919	0.040	BS-400[10]	0.790	0.670 — 0.910	0.040
		BS-200[2]	0.798	0.678 — 0.919	0.040	BS-430[11]	0.817	0.696 — 0.937	0.040
		BS-200E[3]	0.750	0.640 — 0.860	0.037	BS-480[12]	0.817	0.696 — 0.937	0.040
		BS-240[4]	0.803	0.683 — 0.924	0.040	BS-600[13]	0.817	0.696 — 0.937	0.040
		BS-240E[5]	0.817	0.696 — 0.937	0.040	BS-600M[14]	0.805	0.685 — 0.925	0.040
		BS-300[6]	0.790	0.670 — 0.910	0.040	BS-620M[15]	0.805	0.685 — 0.925	0.040
		BS-330E[7]	0.750	0.640 — 0.860	0.037	BS-800[16]	0.817	0.696 — 0.937	0.040
		BS-360E[8]	0.817	0.696 — 0.937	0.040	BS-2000[17]	0.822	0.696 — 0.947	0.042
		BS-380[9]	0.790	0.670 — 0.910	0.040	BS-2800M[18]	0.805	0.685 — 0.925	0.040
CK-MB	U/L	BS-120[1]	42.8	33.2 — 52.4	3.2	BS-400[10]	43.3	33.7 — 52.9	3.2
		BS-200[2]	42.3	32.7 — 51.9	3.2	BS-430[11]	42.7	33.1 — 52.3	3.2
		BS-200E[3]	42.6	33.0 — 52.2	3.2	BS-480[12]	43.6	33.7 — 53.5	3.3
		BS-240[4]	43.3	33.7 — 52.9	3.2	BS-600[13]	44.1	34.2 — 54.0	3.3
		BS-240E[5]	43.6	33.7 — 53.5	3.3	BS-600M[14]	43.9	34.0 — 53.8	3.3
		BS-300[6]	45.6	35.4 — 55.8	3.4	BS-620M[15]	43.9	34.0 — 53.8	3.3
		BS-330E[7]	42.6	33.0 — 52.2	3.2	BS-800[16]	43.5	33.6 — 53.4	3.3
		BS-360E[8]	42.8	33.2 — 52.4	3.2	BS-2000[17]	43.2	33.6 — 52.8	3.2
		BS-380[9]	44.3	34.4 — 54.2	3.3	BS-2800M[18]	43.7	33.8 — 53.6	3.3
	μkat/L	BS-120[1]	0.715	0.554 — 0.875	0.053	BS-400[10]	0.723	0.563 — 0.883	0.053
		BS-200[2]	0.706	0.546 — 0.867	0.053	BS-430[11]	0.713	0.553 — 0.873	0.053
		BS-200E[3]	0.711	0.551 — 0.872	0.053	BS-480[12]	0.728	0.563 — 0.893	0.055
		BS-240[4]	0.723	0.563 — 0.883	0.053	BS-600[13]	0.736	0.571 — 0.902	0.055
		BS-240E[5]	0.728	0.563 — 0.893	0.055	BS-600M[14]	0.733	0.568 — 0.898	0.055
		BS-300[6]	0.762	0.591 — 0.932	0.057	BS-620M[15]	0.733	0.568 — 0.898	0.055
		BS-330E[7]	0.711	0.551 — 0.872	0.053	BS-800[16]	0.726	0.561 — 0.892	0.055
		BS-360E[8]	0.715	0.554 — 0.875	0.053	BS-2000[17]	0.721	0.561 — 0.882	0.053
		BS-380[9]	0.740	0.574 — 0.905	0.055	BS-2800M[18]	0.730	0.564 — 0.895	0.055
Glu (HK)	mmol/L	BS-120[1]	5.77	4.90 — 6.64	0.29	BS-400[10]	5.80	4.93 — 6.67	0.29
		BS-200[2]	5.73	4.86 — 6.60	0.29	BS-430[11]	5.84	4.97 — 6.71	0.29
		BS-200E[3]	5.78	4.91 — 6.65	0.29	BS-480[12]	5.77	4.90 — 6.64	0.29

ClinChem Multi Control (level 1)

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Assay Value	Range(Assay Value±3SD)	1 SD
Glu (HK)	mmol/L	BS-240[4]	5.79	4.92 — 6.66	0.29	BS-600[13]	5.75	4.88 — 6.62	0.29
		BS-240E[5]	5.76	4.89 — 6.63	0.29	BS-600M[14]	5.78	4.91 — 6.65	0.29
		BS-300[6]	5.77	4.90 — 6.64	0.29	BS-620M[15]	5.78	4.91 — 6.65	0.29
		BS-330E[7]	5.78	4.91 — 6.65	0.29	BS-800[16]	5.84	4.97 — 6.71	0.29
		BS-360E[8]	5.74	4.87 — 6.61	0.29	BS-2000[17]	5.74	4.87 — 6.61	0.29
		BS-380[9]	5.92	5.02 — 6.82	0.30	BS-2800M[18]	5.76	4.89 — 6.63	0.29
	mg/dL	BS-120[1]	104	88 — 120	5	BS-400[10]	105	89 — 120	5
		BS-200[2]	103	88 — 119	5	BS-430[11]	105	90 — 121	5
		BS-200E[3]	104	88 — 120	5	BS-480[12]	104	88 — 120	5
		BS-240[4]	104	89 — 120	5	BS-600[13]	104	88 — 119	5
		BS-240E[5]	104	88 — 119	5	BS-600M[14]	104	88 — 120	5
		BS-300[6]	104	88 — 120	5	BS-620M[15]	104	88 — 120	5
		BS-330E[7]	104	88 — 120	5	BS-800[16]	105	90 — 121	5
		BS-360E[8]	103	88 — 119	5	BS-2000[17]	103	88 — 119	5
		BS-380[9]	107	90 — 123	5	BS-2800M[18]	104	88 — 119	5
α-AMY	U/L	BS-120[1]	87.3	74.1 — 100.5	4.4	BS-400[10]	86.7	73.8 — 99.6	4.3
		BS-200[2]	85.1	72.2 — 98.0	4.3	BS-430[11]	85.7	72.8 — 98.6	4.3
		BS-200E[3]	83.5	70.9 — 96.1	4.2	BS-480[12]	86.4	73.5 — 99.3	4.3
		BS-240[4]	87.5	74.3 — 100.7	4.4	BS-600[13]	86.1	73.2 — 99.0	4.3
		BS-240E[5]	84.8	72.2 — 97.4	4.2	BS-600M[14]	85.7	72.8 — 98.6	4.3
		BS-300[6]	87.5	74.3 — 100.7	4.4	BS-620M[15]	85.7	72.8 — 98.6	4.3
		BS-330E[7]	83.5	70.9 — 96.1	4.2	BS-800[16]	86.0	73.1 — 98.9	4.3
		BS-360E[8]	86.0	73.1 — 98.9	4.3	BS-2000[17]	87.0	73.8 — 100.2	4.4
		BS-380[9]	86.7	73.8 — 99.6	4.3	BS-2800M[18]	85.7	72.8 — 98.6	4.3
	μkat/L	BS-120[1]	1.46	1.24 — 1.68	0.07	BS-400[10]	1.45	1.23 — 1.66	0.07
		BS-200[2]	1.42	1.21 — 1.64	0.07	BS-430[11]	1.43	1.22 — 1.65	0.07
		BS-200E[3]	1.39	1.18 — 1.60	0.07	BS-480[12]	1.44	1.23 — 1.66	0.07
		BS-240[4]	1.46	1.24 — 1.68	0.07	BS-600[13]	1.44	1.22 — 1.65	0.07
		BS-240E[5]	1.42	1.21 — 1.63	0.07	BS-600M[14]	1.43	1.22 — 1.65	0.07
		BS-300[6]	1.46	1.24 — 1.68	0.07	BS-620M[15]	1.43	1.22 — 1.65	0.07
		BS-330E[7]	1.39	1.18 — 1.60	0.07	BS-800[16]	1.44	1.22 — 1.65	0.07
		BS-360E[8]	1.44	1.22 — 1.65	0.07	BS-2000[17]	1.45	1.23 — 1.67	0.07
		BS-380[9]	1.45	1.23 — 1.66	0.07	BS-2800M[18]	1.43	1.22 — 1.65	0.07
α-HBDH	U/L	BS-120[1]	173	146 — 200	9	BS-400[10]	171	144 — 198	9
		BS-200[2]	170	143 — 197	9	BS-430[11]	173	146 — 200	9
		BS-200E[3]	171	144 — 198	9	BS-480[12]	173	146 — 200	9
		BS-240[4]	172	145 — 199	9	BS-600[13]	173	146 — 200	9
		BS-240E[5]	173	146 — 200	9	BS-600M[14]	175	148 — 202	9
		BS-300[6]	171	144 — 198	9	BS-620M[15]	175	148 — 202	9
		BS-330E[7]	171	144 — 198	9	BS-800[16]	173	146 — 200	9
		BS-360E[8]	173	146 — 200	9	BS-2000[17]	174	147 — 201	9
		BS-380[9]	171	144 — 198	9	BS-2800M[18]	175	148 — 202	9
	μkat/L	BS-120[1]	2.89	2.44 — 3.34	0.15	BS-400[10]	2.86	2.40 — 3.31	0.15
		BS-200[2]	2.84	2.39 — 3.29	0.15	BS-430[11]	2.89	2.44 — 3.34	0.15
		BS-200E[3]	2.86	2.40 — 3.31	0.15	BS-480[12]	2.89	2.44 — 3.34	0.15
		BS-240[4]	2.87	2.42 — 3.32	0.15	BS-600[13]	2.89	2.44 — 3.34	0.15
		BS-240E[5]	2.89	2.44 — 3.34	0.15	BS-600M[14]	2.92	2.47 — 3.37	0.15
		BS-300[6]	2.86	2.40 — 3.31	0.15	BS-620M[15]	2.92	2.47 — 3.37	0.15

ClinChem Multi Control (level 1)

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Assay Value	Range(Assay Value±3SD)	1 SD
α-HBDH	μkat/L	BS-330E[7]	2.86	2.40 — 3.31	0.15	BS-800[16]	2.89	2.44 — 3.34	0.15
		BS-360E[8]	2.89	2.44 — 3.34	0.15	BS-2000[17]	2.91	2.45 — 3.36	0.15
		BS-380[9]	2.86	2.40 — 3.31	0.15	BS-2800M[18]	2.92	2.47 — 3.37	0.15
CHE	U/L	BS-200[2]	5880	4698 — 7062	394	BS-430[11]	5934	4740 — 7128	398
		BS-200E[3]	5709	4560 — 6858	383	BS-480[12]	5932	4741 — 7123	397
		BS-240[4]	5901	4716 — 7086	395	BS-600[13]	5934	4740 — 7128	398
		BS-240E[5]	5775	4614 — 6936	387	BS-600M[14]	5915	4727 — 7103	396
		BS-300[6]	5912	4724 — 7100	396	BS-620M[15]	5915	4727 — 7103	396
		BS-330E[7]	5709	4560 — 6858	383	BS-800[16]	5934	4740 — 7128	398
		BS-360E[8]	5780	4619 — 6941	387	BS-2000[17]	5956	4759 — 7153	399
		BS-380[9]	5905	4717 — 7093	396	BS-2800M[18]	5915	4727 — 7103	396
		BS-400[10]	5905	4717 — 7093	396				
	μkat/L	BS-200[2]	98.2	78.5 — 117.9	6.6	BS-430[11]	99.1	79.2 — 119.0	6.6
		BS-200E[3]	95.3	76.2 — 114.5	6.4	BS-480[12]	99.1	79.2 — 119.0	6.6
		BS-240[4]	98.5	78.8 — 118.3	6.6	BS-600[13]	99.1	79.2 — 119.0	6.6
		BS-240E[5]	96.4	77.1 — 115.8	6.5	BS-600M[14]	98.8	78.9 — 118.6	6.6
		BS-300[6]	98.7	78.9 — 118.6	6.6	BS-620M[15]	98.8	78.9 — 118.6	6.6
		BS-330E[7]	95.3	76.2 — 114.5	6.4	BS-800[16]	99.1	79.2 — 119.0	6.6
		BS-360E[8]	96.5	77.1 — 115.9	6.5	BS-2000[17]	99.5	79.5 — 119.5	6.7
		BS-380[9]	98.6	78.8 — 118.5	6.6	BS-2800M[18]	98.8	78.9 — 118.6	6.6
		BS-400[10]	98.6	78.8 — 118.5	6.6				
CREA (SOX)	μmol/L	BS-120[1]	92.9	79.1 — 106.7	4.6	BS-400[10]	92.1	78.3 — 105.9	4.6
		BS-200[2]	90.7	77.2 — 104.2	4.5	BS-430[11]	93.4	79.3 — 107.5	4.7
		BS-200E[3]	89.1	75.6 — 102.6	4.5	BS-480[12]	92.9	79.1 — 106.7	4.6
		BS-240[4]	92.3	78.5 — 106.1	4.6	BS-600[13]	92.6	78.8 — 106.4	4.6
		BS-240E[5]	92.5	78.7 — 106.3	4.6	BS-600M[14]	92.2	78.4 — 106.0	4.6
		BS-300[6]	91.0	77.2 — 104.8	4.6	BS-620M[15]	80.9	68.9 — 92.9	4.0
		BS-330E[7]	89.1	75.6 — 102.6	4.5	BS-800[16]	81.5	69.2 — 93.8	4.1
		BS-360E[8]	91.0	77.2 — 104.8	4.6	BS-2000[17]	80.4	68.4 — 92.4	4.0
		BS-380[9]	92.1	78.3 — 105.9	4.6	BS-2800M[18]	80.9	68.9 — 92.9	4.0
	mg/dL	BS-120[1]	1.05	0.89 — 1.21	0.05	BS-400[10]	1.04	0.89 — 1.20	0.05
		BS-200[2]	1.03	0.87 — 1.18	0.05	BS-430[11]	1.06	0.90 — 1.22	0.05
		BS-200E[3]	1.01	0.86 — 1.16	0.05	BS-480[12]	1.05	0.89 — 1.21	0.05
		BS-240[4]	1.04	0.89 — 1.20	0.05	BS-600[13]	1.05	0.89 — 1.20	0.05
		BS-240E[5]	1.05	0.89 — 1.20	0.05	BS-600M[14]	1.04	0.89 — 1.20	0.05
		BS-300[6]	1.03	0.87 — 1.19	0.05	BS-620M[15]	0.915	0.779 — 1.051	0.045
		BS-330E[7]	1.01	0.86 — 1.16	0.05	BS-800[16]	0.922	0.783 — 1.061	0.046
		BS-360E[8]	1.03	0.87 — 1.19	0.05	BS-2000[17]	0.910	0.774 — 1.045	0.045
		BS-380[9]	1.04	0.89 — 1.20	0.05	BS-2800M[18]	0.915	0.779 — 1.051	0.045
Bil-D (DSA) II	μmol/L	BS-120[1]	18.1	13.9 — 22.3	1.4	BS-400[10]	18.1	13.9 — 22.3	1.4
		BS-200[2]	18.1	13.9 — 22.3	1.4	BS-430[11]	18.4	14.2 — 22.6	1.4
		BS-200E[3]	18.2	14.0 — 22.4	1.4	BS-480[12]	18.2	14.0 — 22.4	1.4
		BS-240[4]	18.2	14.0 — 22.4	1.4	BS-600[13]	18.3	14.1 — 22.5	1.4
		BS-240E[5]	18.3	14.1 — 22.5	1.4	BS-600M[14]	18.5	14.3 — 22.7	1.4
		BS-300[6]	18.2	14.0 — 22.4	1.4	BS-620M[15]	18.5	14.3 — 22.7	1.4
		BS-330E[7]	18.2	14.0 — 22.4	1.4	BS-800[16]	18.4	14.2 — 22.6	1.4
		BS-360E[8]	18.4	14.2 — 22.6	1.4	BS-2000[17]	18.3	14.1 — 22.5	1.4
		BS-380[9]	18.2	14.0 — 22.4	1.4	BS-2800M[18]	18.4	14.2 — 22.6	1.4

ClinChem Multi Control (level 1)

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)			1 SD	Model	Assay Value	Range(Assay Value±3SD)			1 SD
Bil-D (DSA) Ⅱ	mg/dL	BS-120[1]	1.06	0.81	—	1.30	0.08	BS-400[10]	1.06	0.81	—	1.30	0.08
		BS-200[2]	1.06	0.81	—	1.30	0.08	BS-430[11]	1.08	0.83	—	1.32	0.08
		BS-200E[3]	1.06	0.82	—	1.31	0.08	BS-480[12]	1.06	0.82	—	1.31	0.08
		BS-240[4]	1.06	0.82	—	1.31	0.08	BS-600[13]	1.07	0.82	—	1.32	0.08
		BS-240E[5]	1.07	0.82	—	1.32	0.08	BS-600M[14]	1.08	0.84	—	1.33	0.08
		BS-300[6]	1.06	0.82	—	1.31	0.08	BS-620M[15]	1.08	0.84	—	1.33	0.08
		BS-330E[7]	1.06	0.82	—	1.31	0.08	BS-800[16]	1.08	0.83	—	1.32	0.08
		BS-360E[8]	1.08	0.83	—	1.32	0.08	BS-2000[17]	1.07	0.82	—	1.32	0.08
		BS-380[9]	1.06	0.82	—	1.31	0.08	BS-2800M[18]	1.08	0.83	—	1.32	0.08
Glu (GOD)	mmol/L	BS-120[1]	5.81	4.94	—	6.68	0.29	BS-400[10]	5.81	4.94	—	6.68	0.29
		BS-200[2]	5.83	4.96	—	6.70	0.29	BS-430[11]	5.79	4.92	—	6.66	0.29
		BS-200E[3]	5.76	4.89	—	6.63	0.29	BS-480[12]	5.72	4.85	—	6.59	0.29
		BS-240[4]	5.81	4.94	—	6.68	0.29	BS-600[13]	5.73	4.86	—	6.60	0.29
		BS-240E[5]	5.62	4.78	—	6.46	0.28	BS-600M[14]	5.67	4.83	—	6.51	0.28
		BS-300[6]	5.89	5.02	—	6.76	0.29	BS-620M[15]	5.67	4.83	—	6.51	0.28
		BS-330E[7]	5.76	4.89	—	6.63	0.29	BS-800[16]	5.76	4.89	—	6.63	0.29
		BS-360E[8]	5.60	4.76	—	6.44	0.28	BS-2000[17]	5.72	4.85	—	6.59	0.29
		BS-380[9]	5.75	4.88	—	6.62	0.29	BS-2800M[18]	5.67	4.83	—	6.51	0.28
	mg/dL	BS-120[1]	105	89	—	120	5	BS-400[10]	105	89	—	120	5
		BS-200[2]	105	89	—	121	5	BS-430[11]	104	89	—	120	5
		BS-200E[3]	104	88	—	119	5	BS-480[12]	103	87	—	119	5
		BS-240[4]	105	89	—	120	5	BS-600[13]	103	88	—	119	5
		BS-240E[5]	101	86	—	116	5	BS-600M[14]	102	87	—	117	5
		BS-300[6]	106	90	—	122	5	BS-620M[15]	102	87	—	117	5
		BS-330E[7]	104	88	—	119	5	BS-800[16]	104	88	—	119	5
		BS-360E[8]	101	86	—	116	5	BS-2000[17]	103	87	—	119	5
		BS-380[9]	104	88	—	119	5	BS-2800M[18]	102	87	—	117	5
LDH	U/L	BS-120[1]	165	141	—	189	8	BS-400[10]	169	145	—	193	8
		BS-200[2]	168	144	—	192	8	BS-430[11]	169	145	—	193	8
		BS-200E[3]	166	142	—	190	8	BS-480[12]	168	144	—	192	8
		BS-240[4]	167	143	—	191	8	BS-600[13]	168	144	—	192	8
		BS-240E[5]	166	142	—	190	8	BS-600M[14]	166	142	—	190	8
		BS-300[6]	170	143	—	197	9	BS-620M[15]	166	142	—	190	8
		BS-330E[7]	166	142	—	190	8	BS-800[16]	165	141	—	189	8
		BS-360E[8]	164	140	—	188	8	BS-2000[17]	166	142	—	190	8
		BS-380[9]	167	143	—	191	8	BS-2800M[18]	164	140	—	188	8
	μkat/L	BS-120[1]	2.76	2.35	—	3.16	0.13	BS-400[10]	2.82	2.42	—	3.22	0.13
		BS-200[2]	2.81	2.40	—	3.21	0.13	BS-430[11]	2.82	2.42	—	3.22	0.13
		BS-200E[3]	2.77	2.37	—	3.17	0.13	BS-480[12]	2.81	2.40	—	3.21	0.13
		BS-240[4]	2.79	2.39	—	3.19	0.13	BS-600[13]	2.81	2.40	—	3.21	0.13
		BS-240E[5]	2.77	2.37	—	3.17	0.13	BS-600M[14]	2.77	2.37	—	3.17	0.13
		BS-300[6]	2.84	2.39	—	3.29	0.15	BS-620M[15]	2.77	2.37	—	3.17	0.13
		BS-330E[7]	2.77	2.37	—	3.17	0.13	BS-800[16]	2.76	2.35	—	3.16	0.13
		BS-360E[8]	2.74	2.34	—	3.14	0.13	BS-2000[17]	2.77	2.37	—	3.17	0.13
		BS-380[9]	2.79	2.39	—	3.19	0.13	BS-2800M[18]	2.74	2.34	—	3.14	0.13
UA	μmol/L	BS-120[1]	314	272	—	356	14	BS-400[10]	321	279	—	363	14
		BS-200[2]	308	266	—	350	14	BS-430[11]	318	276	—	360	14
		BS-200E[3]	321	279	—	363	14	BS-480[12]	318	276	—	360	14

ClinChem Multi Control (level 1)

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Assay Value	Range(Assay Value±3SD)	1 SD
UA	μmol/L	BS-240[4]	312	270 — 354	14	BS-600[13]	318	276 — 360	14
		BS-240E[5]	318	276 — 360	14	BS-600M[14]	319	277 — 361	14
		BS-300[6]	321	279 — 363	14	BS-620M[15]	319	277 — 361	14
		BS-330E[7]	321	279 — 363	14	BS-800[16]	318	276 — 360	14
		BS-360E[8]	311	269 — 353	14	BS-2000[17]	321	279 — 363	14
		BS-380[9]	321	279 — 363	14	BS-2800M[18]	319	277 — 361	14
	mg/dL	BS-120[1]	5.28	4.57 — 5.98	0.24	BS-400[10]	5.39	4.69 — 6.10	0.24
		BS-200[2]	5.18	4.47 — 5.88	0.24	BS-430[11]	5.34	4.64 — 6.05	0.24
		BS-200E[3]	5.39	4.69 — 6.10	0.24	BS-480[12]	5.34	4.64 — 6.05	0.24
		BS-240[4]	5.24	4.54 — 5.95	0.24	BS-600[13]	5.34	4.64 — 6.05	0.24
		BS-240E[5]	5.34	4.64 — 6.05	0.24	BS-600M[14]	5.36	4.66 — 6.07	0.24
		BS-300[6]	5.39	4.69 — 6.10	0.24	BS-620M[15]	5.36	4.66 — 6.07	0.24
		BS-330E[7]	5.39	4.69 — 6.10	0.24	BS-800[16]	5.34	4.64 — 6.05	0.24
		BS-360E[8]	5.23	4.52 — 5.93	0.24	BS-2000[17]	5.39	4.69 — 6.10	0.24
		BS-380[9]	5.39	4.69 — 6.10	0.24	BS-2800M[18]	5.36	4.66 — 6.07	0.24
ApoA1	g/L	BS-120[1]	1.34	1.04 — 1.64	0.10	BS-400[10]	1.31	1.01 — 1.61	0.10
		BS-200[2]	1.34	1.04 — 1.64	0.10	BS-430[11]	1.26	0.99 — 1.53	0.09
		BS-200E[3]	1.31	1.01 — 1.61	0.10	BS-480[12]	1.26	0.99 — 1.53	0.09
		BS-240[4]	1.27	0.97 — 1.57	0.10	BS-600[13]	1.29	0.99 — 1.59	0.10
		BS-240E[5]	1.25	0.98 — 1.52	0.09	BS-600M[14]	1.22	0.95 — 1.49	0.09
		BS-300[6]	1.33	1.03 — 1.63	0.10	BS-620M[15]	1.22	0.95 — 1.49	0.09
		BS-330E[7]	1.31	1.01 — 1.61	0.10	BS-800[16]	1.22	0.95 — 1.49	0.09
		BS-360E[8]	1.26	0.99 — 1.53	0.09	BS-2000[17]	1.26	0.99 — 1.53	0.09
		BS-380[9]	1.26	0.99 — 1.53	0.09	BS-2800M[18]	1.22	0.95 — 1.49	0.09
	μmol/L	BS-120[1]	47.8	37.1 — 58.5	3.6	BS-400[10]	46.8	36.1 — 57.5	3.6
		BS-200[2]	47.8	37.1 — 58.5	3.6	BS-430[11]	45.0	35.3 — 54.6	3.2
		BS-200E[3]	46.8	36.1 — 57.5	3.6	BS-480[12]	45.0	35.3 — 54.6	3.2
		BS-240[4]	45.3	34.6 — 56.0	3.6	BS-600[13]	46.1	35.3 — 56.8	3.6
		BS-240E[5]	44.6	35.0 — 54.3	3.2	BS-600M[14]	43.6	33.9 — 53.2	3.2
		BS-300[6]	47.5	36.8 — 58.2	3.6	BS-620M[15]	43.6	33.9 — 53.2	3.2
		BS-330E[7]	46.8	36.1 — 57.5	3.6	BS-800[16]	43.6	33.9 — 53.2	3.2
		BS-360E[8]	45.0	35.3 — 54.6	3.2	BS-2000[17]	45.0	35.3 — 54.6	3.2
		BS-380[9]	45.0	35.3 — 54.6	3.2	BS-2800M[18]	43.6	33.9 — 53.2	3.2
ApoB	g/L	BS-120[1]	0.543	0.420 — 0.666	0.041	BS-400[10]	0.543	0.420 — 0.666	0.041
		BS-200[2]	0.562	0.436 — 0.688	0.042	BS-430[11]	0.553	0.430 — 0.676	0.041
		BS-200E[3]	0.565	0.439 — 0.691	0.042	BS-480[12]	0.556	0.430 — 0.682	0.042
		BS-240[4]	0.542	0.419 — 0.665	0.041	BS-600[13]	0.516	0.399 — 0.633	0.039
		BS-240E[5]	0.565	0.439 — 0.691	0.042	BS-600M[14]	0.558	0.432 — 0.684	0.042
		BS-300[6]	0.552	0.429 — 0.675	0.041	BS-620M[15]	0.558	0.432 — 0.684	0.042
		BS-330E[7]	0.565	0.439 — 0.691	0.042	BS-800[16]	0.531	0.411 — 0.651	0.040
		BS-360E[8]	0.568	0.439 — 0.697	0.043	BS-2000[17]	0.540	0.417 — 0.663	0.041
		BS-380[9]	0.560	0.434 — 0.686	0.042	BS-2800M[18]	0.534	0.414 — 0.654	0.040
	μmol/L	BS-120[1]	1.06	0.82 — 1.30	0.08	BS-400[10]	1.06	0.82 — 1.30	0.08
		BS-200[2]	1.10	0.85 — 1.34	0.08	BS-430[11]	1.08	0.84 — 1.32	0.08
		BS-200E[3]	1.10	0.86 — 1.35	0.08	BS-480[12]	1.08	0.84 — 1.33	0.08
		BS-240[4]	1.06	0.82 — 1.30	0.08	BS-600[13]	1.01	0.78 — 1.23	0.08
		BS-240E[5]	1.10	0.86 — 1.35	0.08	BS-600M[14]	1.09	0.84 — 1.33	0.08
		BS-300[6]	1.08	0.84 — 1.32	0.08	BS-620M[15]	1.09	0.84 — 1.33	0.08

ClinChem Multi Control (level 1)

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)			1 SD	Model	Assay Value	Range(Assay Value±3SD)			1 SD
ApoB	μmol/L	BS-330E[7]	1.10	0.86	—	1.35	0.08	BS-800[16]	1.04	0.80	—	1.27	0.08
		BS-360E[8]	1.11	0.86	—	1.36	0.08	BS-2000[17]	1.05	0.81	—	1.29	0.08
		BS-380[9]	1.09	0.85	—	1.34	0.08	BS-2800M[18]	1.04	0.81	—	1.28	0.08
HDL-C	mmol/L	BS-120[1]	0.863	0.668	—	1.058	0.065	BS-400[10]	0.862	0.667	—	1.057	0.065
		BS-200[2]	0.821	0.635	—	1.007	0.062	BS-430[11]	0.838	0.649	—	1.027	0.063
		BS-200E[3]	0.827	0.641	—	1.013	0.062	BS-480[12]	0.850	0.658	—	1.042	0.064
		BS-240[4]	0.847	0.655	—	1.039	0.064	BS-600[13]	0.847	0.655	—	1.039	0.064
		BS-240E[5]	0.807	0.624	—	0.990	0.061	BS-600M[14]	0.854	0.662	—	1.046	0.064
		BS-300[6]	0.850	0.658	—	1.042	0.064	BS-620M[15]	0.854	0.662	—	1.046	0.064
		BS-330E[7]	0.827	0.641	—	1.013	0.062	BS-800[16]	0.860	0.665	—	1.055	0.065
		BS-360E[8]	0.823	0.637	—	1.009	0.062	BS-2000[17]	0.851	0.659	—	1.043	0.064
		BS-380[9]	0.855	0.663	—	1.047	0.064	BS-2800M[18]	0.855	0.663	—	1.047	0.064
	mg/dL	BS-120[1]	33.4	25.8	—	40.9	2.5	BS-400[10]	33.3	25.8	—	40.9	2.5
		BS-200[2]	31.7	24.5	—	38.9	2.4	BS-430[11]	32.4	25.1	—	39.7	2.4
		BS-200E[3]	32.0	24.8	—	39.2	2.4	BS-480[12]	32.9	25.4	—	40.3	2.5
		BS-240[4]	32.7	25.3	—	40.2	2.5	BS-600[13]	32.7	25.3	—	40.2	2.5
		BS-240E[5]	31.2	24.1	—	38.3	2.4	BS-600M[14]	33.0	25.6	—	40.4	2.5
		BS-300[6]	32.9	25.4	—	40.3	2.5	BS-620M[15]	33.0	25.6	—	40.4	2.5
		BS-330E[7]	32.0	24.8	—	39.2	2.4	BS-800[16]	33.2	25.7	—	40.8	2.5
		BS-360E[8]	31.8	24.6	—	39.0	2.4	BS-2000[17]	32.9	25.5	—	40.3	2.5
		BS-380[9]	33.1	25.6	—	40.5	2.5	BS-2800M[18]	33.1	25.6	—	40.5	2.5
LDL-C	mmol/L	BS-120[1]	1.63	1.27	—	1.99	0.12	BS-400[10]	1.64	1.28	—	2.00	0.12
		BS-200[2]	1.62	1.26	—	1.98	0.12	BS-430[11]	1.68	1.29	—	2.07	0.13
		BS-200E[3]	1.66	1.30	—	2.02	0.12	BS-480[12]	1.68	1.29	—	2.07	0.13
		BS-240[4]	1.60	1.24	—	1.96	0.12	BS-600[13]	1.68	1.29	—	2.07	0.13
		BS-240E[5]	1.67	1.28	—	2.06	0.13	BS-600M[14]	1.69	1.30	—	2.08	0.13
		BS-300[6]	1.67	1.28	—	2.06	0.13	BS-620M[15]	1.69	1.30	—	2.08	0.13
		BS-330E[7]	1.66	1.30	—	2.02	0.12	BS-800[16]	1.70	1.31	—	2.09	0.13
		BS-360E[8]	1.68	1.29	—	2.07	0.13	BS-2000[17]	1.68	1.29	—	2.07	0.13
		BS-380[9]	1.65	1.29	—	2.01	0.12	BS-2800M[18]	1.69	1.30	—	2.08	0.13
	mg/dL	BS-120[1]	63.0	49.1	—	76.9	4.6	BS-400[10]	63.4	49.5	—	77.3	4.6
		BS-200[2]	62.6	48.7	—	76.5	4.6	BS-430[11]	64.9	49.9	—	80.0	5.0
		BS-200E[3]	64.2	50.3	—	78.1	4.6	BS-480[12]	64.9	49.9	—	80.0	5.0
		BS-240[4]	61.9	47.9	—	75.8	4.6	BS-600[13]	64.9	49.9	—	80.0	5.0
		BS-240E[5]	64.6	49.5	—	79.6	5.0	BS-600M[14]	65.3	50.3	—	80.4	5.0
		BS-300[6]	64.6	49.5	—	79.6	5.0	BS-620M[15]	65.3	50.3	—	80.4	5.0
		BS-330E[7]	64.2	50.3	—	78.1	4.6	BS-800[16]	65.7	50.6	—	80.8	5.0
		BS-360E[8]	64.9	49.9	—	80.0	5.0	BS-2000[17]	64.9	49.9	—	80.0	5.0
		BS-380[9]	63.8	49.9	—	77.7	4.6	BS-2800M[18]	65.3	50.3	—	80.4	5.0
CK	U/L	BS-120[1]	141	120	—	162	7	BS-400[10]	140	119	—	161	7
		BS-200[2]	142	121	—	163	7	BS-430[11]	141	120	—	162	7
		BS-200E[3]	140	119	—	161	7	BS-480[12]	141	120	—	162	7
		BS-240[4]	145	124	—	166	7	BS-600[13]	142	121	—	163	7
		BS-240E[5]	141	120	—	162	7	BS-600M[14]	139	118	—	160	7
		BS-300[6]	140	119	—	161	7	BS-620M[15]	139	118	—	160	7
		BS-330E[7]	140	119	—	161	7	BS-800[16]	141	120	—	162	7
		BS-360E[8]	141	120	—	162	7	BS-2000[17]	140	119	—	161	7
		BS-380[9]	140	119	—	161	7	BS-2800M[18]	139	118	—	160	7

ClinChem Multi Control (level 1)

mindray

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)			1 SD	Model	Assay Value	Range(Assay Value±3SD)			1 SD
CK	μkat/L	BS-120[1]	2.35	2.00	—	2.71	0.12	BS-400[10]	2.34	1.99	—	2.69	0.12
		BS-200[2]	2.37	2.02	—	2.72	0.12	BS-430[11]	2.35	2.00	—	2.71	0.12
		BS-200E[3]	2.34	1.99	—	2.69	0.12	BS-480[12]	2.35	2.00	—	2.71	0.12
		BS-240[4]	2.42	2.07	—	2.77	0.12	BS-600[13]	2.37	2.02	—	2.72	0.12
		BS-240E[5]	2.35	2.00	—	2.71	0.12	BS-600M[14]	2.32	1.97	—	2.67	0.12
		BS-300[6]	2.34	1.99	—	2.69	0.12	BS-620M[15]	2.32	1.97	—	2.67	0.12
		BS-330E[7]	2.34	1.99	—	2.69	0.12	BS-800[16]	2.35	2.00	—	2.71	0.12
		BS-360E[8]	2.35	2.00	—	2.71	0.12	BS-2000[17]	2.34	1.99	—	2.69	0.12
		BS-380[9]	2.34	1.99	—	2.69	0.12	BS-2800M[18]	2.32	1.97	—	2.67	0.12
Bil-D (VOX)	μmol/L	BS-120[1]	11.3	8.9	—	13.7	0.8	BS-400[10]	11.1	8.7	—	13.5	0.8
		BS-200[2]	11.3	8.9	—	13.7	0.8	BS-430[11]	11.1	8.7	—	13.5	0.8
		BS-200E[3]	11.5	8.8	—	14.2	0.9	BS-480[12]	11.0	8.6	—	13.4	0.8
		BS-240[4]	11.3	8.9	—	13.7	0.8	BS-600[13]	11.1	8.7	—	13.5	0.8
		BS-240E[5]	11.1	8.7	—	13.5	0.8	BS-600M[14]	11.4	8.7	—	14.1	0.9
		BS-300[6]	11.1	8.7	—	13.5	0.8	BS-620M[15]	11.4	8.7	—	14.1	0.9
		BS-330E[7]	11.5	8.8	—	14.2	0.9	BS-800[16]	11.1	8.7	—	13.5	0.8
		BS-360E[8]	11.1	8.7	—	13.5	0.8	BS-2000[17]	11.1	8.7	—	13.5	0.8
		BS-380[9]	11.1	8.7	—	13.5	0.8	BS-2800M[18]	11.4	8.7	—	14.1	0.9
	mg/dL	BS-120[1]	0.661	0.520	—	0.801	0.047	BS-400[10]	0.649	0.509	—	0.789	0.047
		BS-200[2]	0.661	0.520	—	0.801	0.047	BS-430[11]	0.649	0.509	—	0.789	0.047
		BS-200E[3]	0.673	0.515	—	0.830	0.053	BS-480[12]	0.643	0.503	—	0.784	0.047
		BS-240[4]	0.661	0.520	—	0.801	0.047	BS-600[13]	0.649	0.509	—	0.789	0.047
		BS-240E[5]	0.649	0.509	—	0.789	0.047	BS-600M[14]	0.667	0.509	—	0.825	0.053
		BS-300[6]	0.649	0.509	—	0.789	0.047	BS-620M[15]	0.667	0.509	—	0.825	0.053
		BS-330E[7]	0.673	0.515	—	0.830	0.053	BS-800[16]	0.649	0.509	—	0.789	0.047
		BS-360E[8]	0.649	0.509	—	0.789	0.047	BS-2000[17]	0.649	0.509	—	0.789	0.047
		BS-380[9]	0.649	0.509	—	0.789	0.047	BS-2800M[18]	0.667	0.509	—	0.825	0.053
Bil-T (DSA) II	μmol/L	BS-120[1]	19.3	15.1	—	23.5	1.4	BS-400[10]	19.1	14.9	—	23.3	1.4
		BS-200[2]	18.9	14.7	—	23.1	1.4	BS-430[11]	20.0	15.5	—	24.5	1.5
		BS-200E[3]	19.1	14.9	—	23.3	1.4	BS-480[12]	19.3	15.1	—	23.5	1.4
		BS-240[4]	18.9	14.7	—	23.1	1.4	BS-600[13]	20.0	15.5	—	24.5	1.5
		BS-240E[5]	19.1	14.9	—	23.3	1.4	BS-600M[14]	19.8	15.3	—	24.3	1.5
		BS-300[6]	19.1	14.9	—	23.3	1.4	BS-620M[15]	19.8	15.3	—	24.3	1.5
		BS-330E[7]	19.1	14.9	—	23.3	1.4	BS-800[16]	20.0	15.5	—	24.5	1.5
		BS-360E[8]	20.0	15.5	—	24.5	1.5	BS-2000[17]	20.3	15.8	—	24.8	1.5
		BS-380[9]	19.1	14.9	—	23.3	1.4	BS-2800M[18]	19.8	15.3	—	24.3	1.5
	mg/dL	BS-120[1]	1.13	0.88	—	1.37	0.08	BS-400[10]	1.12	0.87	—	1.36	0.08
		BS-200[2]	1.11	0.86	—	1.35	0.08	BS-430[11]	1.17	0.91	—	1.43	0.09
		BS-200E[3]	1.12	0.87	—	1.36	0.08	BS-480[12]	1.13	0.88	—	1.37	0.08
		BS-240[4]	1.11	0.86	—	1.35	0.08	BS-600[13]	1.17	0.91	—	1.43	0.09
		BS-240E[5]	1.12	0.87	—	1.36	0.08	BS-600M[14]	1.16	0.89	—	1.42	0.09
		BS-300[6]	1.12	0.87	—	1.36	0.08	BS-620M[15]	1.16	0.89	—	1.42	0.09
		BS-330E[7]	1.12	0.87	—	1.36	0.08	BS-800[16]	1.17	0.91	—	1.43	0.09
		BS-360E[8]	1.17	0.91	—	1.43	0.09	BS-2000[17]	1.19	0.92	—	1.45	0.09
		BS-380[9]	1.12	0.87	—	1.36	0.08	BS-2800M[18]	1.16	0.89	—	1.42	0.09
GGT	U/L	BS-120[1]	47.1	39.9	—	54.3	2.4	BS-400[10]	48.5	41.3	—	55.7	2.4
		BS-200[2]	47.1	39.9	—	54.3	2.4	BS-430[11]	48.2	41.0	—	55.4	2.4
		BS-200E[3]	48.7	41.5	—	55.9	2.4	BS-480[12]	48.2	41.0	—	55.4	2.4

ClinChem Multi Control (level 1)

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Assay Value	Range(Assay Value±3SD)	1 SD
GGT	U/L	BS-240[4]	47.8	40.6 — 55.0	2.4	BS-600[13]	48.2	41.0 — 55.4	2.4
		BS-240E[5]	48.5	41.3 — 55.7	2.4	BS-600M[14]	48.6	41.4 — 55.8	2.4
		BS-300[6]	48.5	41.3 — 55.7	2.4	BS-620M[15]	48.6	41.4 — 55.8	2.4
		BS-330E[7]	48.7	41.5 — 55.9	2.4	BS-800[16]	48.2	41.0 — 55.4	2.4
		BS-360E[8]	48.6	41.4 — 55.8	2.4	BS-2000[17]	48.3	41.1 — 55.5	2.4
		BS-380[9]	48.5	41.3 — 55.7	2.4	BS-2800M[18]	48.6	41.4 — 55.8	2.4
	μkat/L	BS-120[1]	0.787	0.666 — 0.907	0.040	BS-400[10]	0.810	0.690 — 0.930	0.040
		BS-200[2]	0.787	0.666 — 0.907	0.040	BS-430[11]	0.805	0.685 — 0.925	0.040
		BS-200E[3]	0.813	0.693 — 0.934	0.040	BS-480[12]	0.805	0.685 — 0.925	0.040
		BS-240[4]	0.798	0.678 — 0.919	0.040	BS-600[13]	0.805	0.685 — 0.925	0.040
		BS-240E[5]	0.810	0.690 — 0.930	0.040	BS-600M[14]	0.812	0.691 — 0.932	0.040
		BS-300[6]	0.810	0.690 — 0.930	0.040	BS-620M[15]	0.812	0.691 — 0.932	0.040
		BS-330E[7]	0.813	0.693 — 0.934	0.040	BS-800[16]	0.805	0.685 — 0.925	0.040
		BS-360E[8]	0.812	0.691 — 0.932	0.040	BS-2000[17]	0.807	0.686 — 0.927	0.040
		BS-380[9]	0.810	0.690 — 0.930	0.040	BS-2800M[18]	0.812	0.691 — 0.932	0.040
Bil-T (VOX)	μmol/L	BS-120[1]	17.1	13.2 — 21.0	1.3	BS-400[10]	16.9	13.0 — 20.8	1.3
		BS-200[2]	17.1	13.2 — 21.0	1.3	BS-430[11]	16.9	13.0 — 20.8	1.3
		BS-200E[3]	16.9	13.0 — 20.8	1.3	BS-480[12]	16.9	13.0 — 20.8	1.3
		BS-240[4]	16.8	12.9 — 20.7	1.3	BS-600[13]	16.9	13.0 — 20.8	1.3
		BS-240E[5]	16.9	13.0 — 20.8	1.3	BS-600M[14]	17.0	13.1 — 20.9	1.3
		BS-300[6]	16.9	13.0 — 20.8	1.3	BS-620M[15]	17.0	13.1 — 20.9	1.3
		BS-330E[7]	16.9	13.0 — 20.8	1.3	BS-800[16]	16.9	13.0 — 20.8	1.3
		BS-360E[8]	16.9	13.0 — 20.8	1.3	BS-2000[17]	17.1	13.2 — 21.0	1.3
		BS-380[9]	16.9	13.0 — 20.8	1.3	BS-2800M[18]	17.0	13.1 — 20.9	1.3
	mg/dL	BS-120[1]	1.00	0.77 — 1.23	0.08	BS-400[10]	0.988	0.760 — 1.216	0.076
		BS-200[2]	1.00	0.77 — 1.23	0.08	BS-430[11]	0.988	0.760 — 1.216	0.076
		BS-200E[3]	0.988	0.760 — 1.216	0.076	BS-480[12]	0.988	0.760 — 1.216	0.076
		BS-240[4]	0.982	0.754 — 1.211	0.076	BS-600[13]	0.988	0.760 — 1.216	0.076
		BS-240E[5]	0.988	0.760 — 1.216	0.076	BS-600M[14]	0.994	0.766 — 1.222	0.076
		BS-300[6]	0.988	0.760 — 1.216	0.076	BS-620M[15]	0.994	0.766 — 1.222	0.076
		BS-330E[7]	0.988	0.760 — 1.216	0.076	BS-800[16]	0.988	0.760 — 1.216	0.076
		BS-360E[8]	0.988	0.760 — 1.216	0.076	BS-2000[17]	1.00	0.77 — 1.23	0.08
		BS-380[9]	0.988	0.760 — 1.216	0.076	BS-2800M[18]	0.994	0.766 — 1.222	0.076
Mg II	mmol/L	BS-120[1]	0.862	0.760 — 0.964	0.034	BS-400[10]	0.868	0.763 — 0.973	0.035
		BS-200[2]	0.893	0.785 — 1.001	0.036	BS-430[11]	0.854	0.752 — 0.956	0.034
		BS-200E[3]	0.878	0.773 — 0.983	0.035	BS-480[12]	0.863	0.758 — 0.968	0.035
		BS-240[4]	0.877	0.772 — 0.982	0.035	BS-600[13]	0.859	0.757 — 0.961	0.034
		BS-240E[5]	0.855	0.753 — 0.957	0.034	BS-600M[14]	0.858	0.756 — 0.960	0.034
		BS-300[6]	0.868	0.763 — 0.973	0.035	BS-620M[15]	0.858	0.756 — 0.960	0.034
		BS-330E[7]	0.878	0.773 — 0.983	0.035	BS-800[16]	0.854	0.752 — 0.956	0.034
		BS-360E[8]	0.860	0.758 — 0.962	0.034	BS-2000[17]	0.866	0.761 — 0.971	0.035
		BS-380[9]	0.868	0.763 — 0.973	0.035	BS-2800M[18]	0.856	0.754 — 0.958	0.034
	mg/dL	BS-120[1]	2.09	1.85 — 2.34	0.08	BS-400[10]	2.11	1.85 — 2.36	0.09
		BS-200[2]	2.17	1.91 — 2.43	0.09	BS-430[11]	2.08	1.83 — 2.32	0.08
		BS-200E[3]	2.13	1.88 — 2.39	0.09	BS-480[12]	2.10	1.84 — 2.35	0.09
		BS-240[4]	2.13	1.88 — 2.39	0.09	BS-600[13]	2.09	1.84 — 2.34	0.08
		BS-240E[5]	2.08	1.83 — 2.33	0.08	BS-600M[14]	2.08	1.84 — 2.33	0.08
		BS-300[6]	2.11	1.85 — 2.36	0.09	BS-620M[15]	2.08	1.84 — 2.33	0.08

ClinChem Multi Control (level 1)

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)			1 SD	Model	Assay Value	Range(Assay Value±3SD)			1 SD
Mg Ⅱ	mg/dL	BS-330E[7]	2.13	1.88	—	2.39	0.09	BS-800[16]	2.08	1.83	—	2.32	0.08
		BS-360E[8]	2.09	1.84	—	2.34	0.08	BS-2000[17]	2.10	1.85	—	2.36	0.09
		BS-380[9]	2.11	1.85	—	2.36	0.09	BS-2800M[18]	2.08	1.83	—	2.33	0.08
LIP	U/L	BS-120[1]	47.0	37.7	—	56.3	3.1	BS-400[10]	45.2	36.2	—	54.2	3.0
		BS-200[2]	45.4	36.4	—	54.4	3.0	BS-430[11]	45.7	36.4	—	55.0	3.1
		BS-200E[3]	45.6	36.3	—	54.9	3.1	BS-480[12]	45.4	36.4	—	54.4	3.0
		BS-240[4]	45.4	36.4	—	54.4	3.0	BS-600[13]	45.4	36.4	—	54.4	3.0
		BS-240E[5]	44.5	35.5	—	53.5	3.0	BS-600M[14]	45.3	36.3	—	54.3	3.0
		BS-300[6]	43.6	34.9	—	52.3	2.9	BS-620M[15]	45.3	36.3	—	54.3	3.0
		BS-330E[7]	45.6	36.3	—	54.9	3.1	BS-800[16]	45.4	36.4	—	54.4	3.0
		BS-360E[8]	44.7	35.7	—	53.7	3.0	BS-2000[17]	45.2	36.2	—	54.2	3.0
		BS-380[9]	45.2	36.2	—	54.2	3.0	BS-2800M[18]	45.1	36.1	—	54.1	3.0
	μkat/L	BS-120[1]	0.785	0.630	—	0.940	0.052	BS-400[10]	0.755	0.605	—	0.905	0.050
		BS-200[2]	0.758	0.608	—	0.908	0.050	BS-430[11]	0.763	0.608	—	0.919	0.052
		BS-200E[3]	0.762	0.606	—	0.917	0.052	BS-480[12]	0.758	0.608	—	0.908	0.050
		BS-240[4]	0.758	0.608	—	0.908	0.050	BS-600[13]	0.758	0.608	—	0.908	0.050
		BS-240E[5]	0.743	0.593	—	0.893	0.050	BS-600M[14]	0.757	0.606	—	0.907	0.050
		BS-300[6]	0.728	0.583	—	0.873	0.048	BS-620M[15]	0.757	0.606	—	0.907	0.050
		BS-330E[7]	0.762	0.606	—	0.917	0.052	BS-800[16]	0.758	0.608	—	0.908	0.050
		BS-360E[8]	0.746	0.596	—	0.897	0.050	BS-2000[17]	0.755	0.605	—	0.905	0.050
		BS-380[9]	0.755	0.605	—	0.905	0.050	BS-2800M[18]	0.753	0.603	—	0.903	0.050
PA	mg/L	BS-120[1]	158	122	—	194	12	BS-400[10]	166	130	—	202	12
		BS-200[2]	158	122	—	194	12	BS-430[11]	170	131	—	209	13
		BS-200E[3]	163	127	—	199	12	BS-480[12]	166	130	—	202	12
		BS-240[4]	155	119	—	191	12	BS-600[13]	166	130	—	202	12
		BS-240E[5]	166	130	—	202	12	BS-600M[14]	161	125	—	197	12
		BS-300[6]	167	128	—	206	13	BS-620M[15]	161	125	—	197	12
		BS-330E[7]	163	127	—	199	12	BS-800[16]	166	130	—	202	12
		BS-360E[8]	166	130	—	202	12	BS-2000[17]	169	130	—	208	13
		BS-380[9]	166	130	—	202	12	BS-2800M[18]	172	133	—	211	13
	μmol/L	BS-120[1]	2.88	2.22	—	3.53	0.22	BS-400[10]	3.02	2.37	—	3.68	0.22
		BS-200[2]	2.88	2.22	—	3.53	0.22	BS-430[11]	3.09	2.38	—	3.80	0.24
		BS-200E[3]	2.97	2.31	—	3.62	0.22	BS-480[12]	3.02	2.37	—	3.68	0.22
		BS-240[4]	2.82	2.17	—	3.48	0.22	BS-600[13]	3.02	2.37	—	3.68	0.22
		BS-240E[5]	3.02	2.37	—	3.68	0.22	BS-600M[14]	2.93	2.28	—	3.59	0.22
		BS-300[6]	3.04	2.33	—	3.75	0.24	BS-620M[15]	2.93	2.28	—	3.59	0.22
		BS-330E[7]	2.97	2.31	—	3.62	0.22	BS-800[16]	3.02	2.37	—	3.68	0.22
		BS-360E[8]	3.02	2.37	—	3.68	0.22	BS-2000[17]	3.08	2.37	—	3.79	0.24
		BS-380[9]	3.02	2.37	—	3.68	0.22	BS-2800M[18]	3.13	2.42	—	3.84	0.24
TRF	g/L	BS-120[1]	2.01	1.71	—	2.31	0.10	BS-430[11]	2.04	1.74	—	2.34	0.10
		BS-200[2]	2.05	1.75	—	2.35	0.10	BS-480[12]	2.00	1.70	—	2.30	0.10
		BS-200E[3]	2.06	1.76	—	2.36	0.10	BS-600[13]	2.04	1.74	—	2.34	0.10
		BS-240[4]	1.98	1.68	—	2.28	0.10	BS-600M[14]	1.95	1.65	—	2.25	0.10
		BS-240E[5]	2.02	1.72	—	2.32	0.10	BS-620M[15]	1.95	1.65	—	2.25	0.10
		BS-360E[8]	2.01	1.71	—	2.31	0.10	BS-800[16]	2.00	1.70	—	2.30	0.10
		BS-380[9]	2.06	1.76	—	2.36	0.10	BS-2000[17]	2.04	1.74	—	2.34	0.10
		BS-400[10]	2.06	1.76	—	2.36	0.10	BS-2800M[18]	1.95	1.65	—	2.25	0.10
	μmol/L	BS-120[1]	25.3	21.5	—	29.1	1.3	BS-430[11]	25.7	21.9	—	29.5	1.3

ClinChem Multi Control (level 1)

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Assay Value	Range(Assay Value±3SD)	1 SD
TRF	μmol/L	BS-200[2]	25.8	22.1 — 29.6	1.3	BS-480[12]	25.2	21.4 — 29.0	1.3
		BS-200E[3]	26.0	22.2 — 29.7	1.3	BS-600[13]	25.7	21.9 — 29.5	1.3
		BS-240[4]	24.9	21.2 — 28.7	1.3	BS-600M[14]	24.6	20.8 — 28.4	1.3
		BS-240E[5]	25.5	21.7 — 29.2	1.3	BS-620M[15]	24.6	20.8 — 28.4	1.3
		BS-360E[8]	25.3	21.5 — 29.1	1.3	BS-800[16]	25.2	21.4 — 29.0	1.3
		BS-380[9]	26.0	22.2 — 29.7	1.3	BS-2000[17]	25.7	21.9 — 29.5	1.3
		BS-400[10]	26.0	22.2 — 29.7	1.3	BS-2800M[18]	24.6	20.8 — 28.4	1.3
UIBC	μmol/L	BS-240[4]	32.3	25.7 — 38.9	2.2	BS-600[13]	31.3	25.0 — 37.6	2.1
		BS-240E[5]	33.9	27.0 — 40.8	2.3	BS-600M[14]	32.8	26.2 — 39.4	2.2
		BS-360E[8]	32.3	25.7 — 38.9	2.2	BS-620M[15]	32.8	26.2 — 39.4	2.2
		BS-380[9]	32.9	26.3 — 39.5	2.2	BS-800[16]	31.3	25.0 — 37.6	2.1
		BS-400[10]	32.9	26.3 — 39.5	2.2	BS-2000[17]	30.6	24.3 — 36.9	2.1
		BS-430[11]	31.3	25.0 — 37.6	2.1	BS-2800M[18]	30.9	24.6 — 37.2	2.1
		BS-480[12]	34.8	27.9 — 41.7	2.3				
	μg/dL	BS-240[4]	181	144 — 217	12	BS-600[13]	175	140 — 210	12
		BS-240E[5]	190	151 — 228	13	BS-600M[14]	183	146 — 220	12
		BS-360E[8]	181	144 — 217	12	BS-620M[15]	183	146 — 220	12
		BS-380[9]	184	147 — 221	12	BS-800[16]	175	140 — 210	12
		BS-400[10]	184	147 — 221	12	BS-2000[17]	171	136 — 206	12
		BS-430[11]	175	140 — 210	12	BS-2800M[18]	173	138 — 208	12
		BS-480[12]	195	156 — 233	13				
TP	g/L	BS-120[1]	52.6	44.8 — 60.4	2.6	BS-400[10]	52.2	44.4 — 60.0	2.6
		BS-200[2]	52.7	44.9 — 60.5	2.6	BS-430[11]	51.8	44.0 — 59.6	2.6
		BS-200E[3]	52.4	44.6 — 60.2	2.6	BS-480[12]	51.3	43.5 — 59.1	2.6
		BS-240[4]	52.2	44.4 — 60.0	2.6	BS-600[13]	51.8	44.0 — 59.6	2.6
		BS-240E[5]	52.2	44.4 — 60.0	2.6	BS-600M[14]	51.8	44.0 — 59.6	2.6
		BS-300[6]	51.6	43.8 — 59.4	2.6	BS-620M[15]	51.8	44.0 — 59.6	2.6
		BS-330E[7]	52.4	44.6 — 60.2	2.6	BS-800[16]	51.8	44.0 — 59.6	2.6
		BS-360E[8]	52.0	44.2 — 59.8	2.6	BS-2000[17]	51.7	43.9 — 59.5	2.6
		BS-380[9]	51.9	44.1 — 59.7	2.6				
TP Ⅱ	g/L	BS-120[1]	52.0	44.2 — 59.8	2.6	BS-400[10]	51.5	43.7 — 59.3	2.6
		BS-200[2]	52.0	44.2 — 59.8	2.6	BS-430[11]	51.6	43.8 — 59.4	2.6
		BS-200E[3]	51.7	43.9 — 59.5	2.6	BS-480[12]	51.3	43.5 — 59.1	2.6
		BS-240[4]	51.5	43.7 — 59.3	2.6	BS-600[13]	51.6	43.8 — 59.4	2.6
		BS-240E[5]	51.2	43.4 — 59.0	2.6	BS-600M[14]	51.8	44.0 — 59.6	2.6
		BS-300[6]	52.1	44.3 — 59.9	2.6	BS-620M[15]	51.8	44.0 — 59.6	2.6
		BS-330E[7]	51.7	43.9 — 59.5	2.6	BS-800[16]	51.6	43.8 — 59.4	2.6
		BS-360E[8]	51.7	43.9 — 59.5	2.6	BS-2000[17]	51.3	43.5 — 59.1	2.6
		BS-380[9]	51.5	43.7 — 59.3	2.6	BS-2800M[18]	50.9	43.4 — 58.4	2.5
UREA	mmol/L	BS-120[1]	6.96	5.91 — 8.01	0.35	BS-400[10]	6.94	5.89 — 7.99	0.35
		BS-200[2]	6.96	5.91 — 8.01	0.35	BS-430[11]	7.03	5.98 — 8.08	0.35
		BS-200E[3]	6.92	5.87 — 7.97	0.35	BS-480[12]	6.87	5.85 — 7.89	0.34
		BS-240[4]	6.95	5.90 — 8.00	0.35	BS-600[13]	7.03	5.98 — 8.08	0.35
		BS-240E[5]	6.99	5.94 — 8.04	0.35	BS-600M[14]	6.91	5.86 — 7.96	0.35
		BS-300[6]	6.94	5.89 — 7.99	0.35	BS-620M[15]	6.91	5.86 — 7.96	0.35
		BS-330E[7]	6.92	5.87 — 7.97	0.35	BS-800[16]	7.03	5.98 — 8.08	0.35
		BS-360E[8]	7.03	5.98 — 8.08	0.35	BS-2000[17]	7.02	5.97 — 8.07	0.35
		BS-380[9]	6.94	5.89 — 7.99	0.35	BS-2800M[18]	6.89	5.87 — 7.91	0.34

ClinChem Multi Control (level 1)

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Assay Value	Range(Assay Value±3SD)	1 SD
UREA	mg/dL	BS-120[1]	41.8	35.5 — 48.1	2.1	BS-400[10]	41.7	35.4 — 48.0	2.1
		BS-200[2]	41.8	35.5 — 48.1	2.1	BS-430[11]	42.2	35.9 — 48.5	2.1
		BS-200E[3]	41.6	35.3 — 47.9	2.1	BS-480[12]	41.3	35.1 — 47.4	2.0
		BS-240[4]	41.7	35.4 — 48.0	2.1	BS-600[13]	42.2	35.9 — 48.5	2.1
		BS-240E[5]	42.0	35.7 — 48.3	2.1	BS-600M[14]	41.5	35.2 — 47.8	2.1
		BS-300[6]	41.7	35.4 — 48.0	2.1	BS-620M[15]	41.5	35.2 — 47.8	2.1
		BS-330E[7]	41.6	35.3 — 47.9	2.1	BS-800[16]	42.2	35.9 — 48.5	2.1
		BS-360E[8]	42.2	35.9 — 48.5	2.1	BS-2000[17]	42.2	35.9 — 48.5	2.1
		BS-380[9]	41.7	35.4 — 48.0	2.1	BS-2800M[18]	41.4	35.3 — 47.5	2.0
FER	ng/mL	BS-200E[3]	95.0	80.6 — 109.4	4.8	BS-480[12]	94.5	80.4 — 108.6	4.7
		BS-240[4]	97.5	82.8 — 112.2	4.9	BS-600[13]	94.5	80.4 — 108.6	4.7
		BS-240E[5]	94.5	80.4 — 108.6	4.7	BS-600M[14]	95.6	81.2 — 110.0	4.8
		BS-360E[8]	94.5	80.4 — 108.6	4.7	BS-620M[15]	95.6	81.2 — 110.0	4.8
		BS-380[9]	95.0	80.6 — 109.4	4.8	BS-800[16]	94.5	80.4 — 108.6	4.7
		BS-400[10]	95.0	80.6 — 109.4	4.8	BS-2000[17]	94.8	80.7 — 108.9	4.7
		BS-430[11]	94.5	80.4 — 108.6	4.7	BS-2800M[18]	95.6	81.2 — 110.0	4.8
	pmol/L	BS-200E[3]	213	181 — 246	11	BS-480[12]	212	181 — 244	11
		BS-240[4]	219	186 — 252	11	BS-600[13]	212	181 — 244	11
		BS-240E[5]	212	181 — 244	11	BS-600M[14]	215	182 — 247	11
		BS-360E[8]	212	181 — 244	11	BS-620M[15]	215	182 — 247	11
		BS-380[9]	213	181 — 246	11	BS-800[16]	212	181 — 244	11
		BS-400[10]	213	181 — 246	11	BS-2000[17]	213	181 — 245	11
		BS-430[11]	212	181 — 244	11	BS-2800M[18]	215	182 — 247	11
HS-CRP	mg/L	BS-200E[3]	6.11	4.28 — 7.94	0.61	BS-430[11]	6.05	4.22 — 7.88	0.61
		BS-240[4]	6.10	4.27 — 7.93	0.61	BS-480[12]	6.15	4.29 — 8.01	0.62
		BS-240E[5]	6.97	4.87 — 9.07	0.70	BS-600[13]	6.15	4.29 — 8.01	0.62
		BS-300[6]	6.11	4.28 — 7.94	0.61	BS-600M[14]	5.95	4.15 — 7.75	0.60
		BS-330E[7]	6.11	4.28 — 7.94	0.61	BS-620M[15]	5.95	4.15 — 7.75	0.60
		BS-360E[8]	6.15	4.29 — 8.01	0.62	BS-800[16]	6.15	4.29 — 8.01	0.62
		BS-380[9]	6.11	4.28 — 7.94	0.61	BS-2000[17]	6.23	4.37 — 8.09	0.62
		BS-400[10]	6.00	4.20 — 7.80	0.60	BS-2800M[18]	5.95	4.15 — 7.75	0.60
	nmol/L	BS-200E[3]	58.2	40.7 — 75.6	5.8	BS-430[11]	57.6	40.2 — 75.0	5.8
		BS-240[4]	58.1	40.7 — 75.5	5.8	BS-480[12]	58.5	40.8 — 76.3	5.9
		BS-240E[5]	66.4	46.4 — 86.3	6.7	BS-600[13]	58.5	40.8 — 76.3	5.9
		BS-300[6]	58.2	40.7 — 75.6	5.8	BS-600M[14]	56.6	39.5 — 73.8	5.7
		BS-330E[7]	58.2	40.7 — 75.6	5.8	BS-620M[15]	56.6	39.5 — 73.8	5.7
		BS-360E[8]	58.5	40.8 — 76.3	5.9	BS-800[16]	58.5	40.8 — 76.3	5.9
		BS-380[9]	58.2	40.7 — 75.6	5.8	BS-2000[17]	59.3	41.6 — 77.0	5.9
		BS-400[10]	57.1	40.0 — 74.3	5.7	BS-2800M[18]	56.6	39.5 — 73.8	5.7
Fe	µmol/L	BS-120[1]	19.3	15.4 — 23.2	1.3	BS-400[10]	19.9	16.0 — 23.8	1.3
		BS-200[2]	19.8	15.9 — 23.7	1.3	BS-430[11]	19.6	15.7 — 23.5	1.3
		BS-200E[3]	19.8	15.9 — 23.7	1.3	BS-480[12]	19.8	15.9 — 23.7	1.3
		BS-240[4]	19.3	15.4 — 23.2	1.3	BS-600[13]	19.6	15.7 — 23.5	1.3
		BS-240E[5]	19.7	15.8 — 23.6	1.3	BS-600M[14]	19.6	15.7 — 23.5	1.3
		BS-300[6]	19.7	15.8 — 23.6	1.3	BS-620M[15]	19.6	15.7 — 23.5	1.3
		BS-330E[7]	19.8	15.9 — 23.7	1.3	BS-800[16]	19.6	15.7 — 23.5	1.3
		BS-360E[8]	19.9	16.0 — 23.8	1.3	BS-2000[17]	19.5	15.6 — 23.4	1.3
		BS-380[9]	20.2	16.0 — 24.4	1.4	BS-2800M[18]	19.6	15.7 — 23.5	1.3

ClinChem Multi Control (level 1)

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Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Assay Value	Range(Assay Value±3SD)	1 SD
Fe	mg/L	BS-120[1]	1.08	0.86 — 1.30	0.07	BS-400[10]	1.11	0.89 — 1.33	0.07
		BS-200[2]	1.11	0.89 — 1.32	0.07	BS-430[11]	1.09	0.88 — 1.31	0.07
		BS-200E[3]	1.11	0.89 — 1.32	0.07	BS-480[12]	1.11	0.89 — 1.32	0.07
		BS-240[4]	1.08	0.86 — 1.30	0.07	BS-600[13]	1.09	0.88 — 1.31	0.07
		BS-240E[5]	1.10	0.88 — 1.32	0.07	BS-600M[14]	1.09	0.88 — 1.31	0.07
		BS-300[6]	1.10	0.88 — 1.32	0.07	BS-620M[15]	1.09	0.88 — 1.31	0.07
		BS-330E[7]	1.11	0.89 — 1.32	0.07	BS-800[16]	1.09	0.88 — 1.31	0.07
		BS-360E[8]	1.11	0.89 — 1.33	0.07	BS-2000[17]	1.09	0.87 — 1.31	0.07
		BS-380[9]	1.13	0.89 — 1.36	0.08	BS-2800M[18]	1.09	0.88 — 1.31	0.07
C3	g/L	BS-120[1]	0.980	0.782 — 1.178	0.066	BS-400[10]	1.01	0.80 — 1.22	0.07
		BS-200[2]	1.03	0.82 — 1.24	0.07	BS-430[11]	1.00	0.79 — 1.21	0.07
		BS-200E[3]	0.983	0.785 — 1.181	0.066	BS-480[12]	0.983	0.785 — 1.181	0.066
		BS-240[4]	0.951	0.759 — 1.143	0.064	BS-600[13]	0.980	0.782 — 1.178	0.066
		BS-240E[5]	0.969	0.774 — 1.164	0.065	BS-600M[14]	0.983	0.785 — 1.181	0.066
		BS-300[6]	1.00	0.79 — 1.21	0.07	BS-620M[15]	0.983	0.785 — 1.181	0.066
		BS-330E[7]	0.983	0.785 — 1.181	0.066	BS-800[16]	0.983	0.785 — 1.181	0.066
		BS-360E[8]	1.00	0.79 — 1.21	0.07	BS-2000[17]	1.01	0.80 — 1.22	0.07
		BS-380[9]	1.01	0.80 — 1.22	0.07	BS-2800M[18]	0.989	0.788 — 1.190	0.067
IgAII	g/L	BS-200[2]	1.65	1.29 — 2.01	0.12	BS-430[11]	1.67	1.28 — 2.06	0.13
		BS-200E[3]	1.67	1.28 — 2.06	0.13	BS-480[12]	1.64	1.28 — 2.00	0.12
		BS-240[4]	1.64	1.28 — 2.00	0.12	BS-600[13]	1.62	1.26 — 1.98	0.12
		BS-240E[5]	1.63	1.27 — 1.99	0.12	BS-600M[14]	1.59	1.23 — 1.95	0.12
		BS-330E[7]	1.67	1.28 — 2.06	0.13	BS-620M[15]	1.59	1.23 — 1.95	0.12
		BS-360E[8]	1.63	1.27 — 1.99	0.12	BS-800[16]	1.62	1.26 — 1.98	0.12
		BS-380[9]	1.62	1.26 — 1.98	0.12	BS-2000[17]	1.64	1.28 — 2.00	0.12
		BS-400[10]	1.62	1.26 — 1.98	0.12	BS-2800M[18]	1.65	1.29 — 2.01	0.12
	μmol/L	BS-200[2]	10.3	8.1 — 12.6	0.8	BS-430[11]	10.4	8.0 — 12.9	0.8
		BS-200E[3]	10.4	8.0 — 12.9	0.8	BS-480[12]	10.3	8.0 — 12.5	0.8
		BS-240[4]	10.3	8.0 — 12.5	0.8	BS-600[13]	10.1	7.9 — 12.4	0.8
		BS-240E[5]	10.2	7.9 — 12.4	0.8	BS-600M[14]	9.94	7.69 — 12.19	0.75
		BS-330E[7]	10.4	8.0 — 12.9	0.8	BS-620M[15]	9.94	7.69 — 12.19	0.75
		BS-360E[8]	10.2	7.9 — 12.4	0.8	BS-800[16]	10.1	7.9 — 12.4	0.8
		BS-380[9]	10.1	7.9 — 12.4	0.8	BS-2000[17]	10.3	8.0 — 12.5	0.8
		BS-400[10]	10.1	7.9 — 12.4	0.8	BS-2800M[18]	10.3	8.1 — 12.6	0.8
IgG	g/L	BS-120[1]	8.19	6.36 — 10.02	0.61	BS-400[10]	7.84	6.07 — 9.61	0.59
		BS-200[2]	8.30	6.44 — 10.16	0.62	BS-430[11]	7.75	6.01 — 9.49	0.58
		BS-200E[3]	7.29	5.64 — 8.94	0.55	BS-480[12]	7.69	5.95 — 9.43	0.58
		BS-240[4]	8.15	6.32 — 9.98	0.61	BS-600[13]	7.75	6.01 — 9.49	0.58
		BS-240E[5]	7.75	6.01 — 9.49	0.58	BS-600M[14]	7.74	6.00 — 9.48	0.58
		BS-300[6]	7.84	6.07 — 9.61	0.59	BS-620M[15]	7.74	6.00 — 9.48	0.58
		BS-330E[7]	7.29	5.64 — 8.94	0.55	BS-800[16]	7.75	6.01 — 9.49	0.58
		BS-360E[8]	7.59	5.88 — 9.30	0.57	BS-2000[17]	7.85	6.08 — 9.62	0.59
		BS-380[9]	7.84	6.07 — 9.61	0.59	BS-2800M[18]	7.74	6.00 — 9.48	0.58
	μmol/L	BS-120[1]	54.6	42.4 — 66.8	4.1	BS-400[10]	52.3	40.5 — 64.1	3.9
		BS-200[2]	55.4	43.0 — 67.8	4.1	BS-430[11]	51.7	40.1 — 63.3	3.9
		BS-200E[3]	48.6	37.6 — 59.6	3.7	BS-480[12]	51.3	39.7 — 62.9	3.9
		BS-240[4]	54.4	42.2 — 66.6	4.1	BS-600[13]	51.7	40.1 — 63.3	3.9
		BS-240E[5]	51.7	40.1 — 63.3	3.9	BS-600M[14]	51.6	40.0 — 63.2	3.9

ClinChem Multi Control (level 1)

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)			1 SD	Model	Assay Value	Range(Assay Value±3SD)			1 SD
IgG	μmol/L	BS-300[6]	52.3	40.5	—	64.1	3.9	BS-620M[15]	51.6	40.0	—	63.2	3.9
		BS-330E[7]	48.6	37.6	—	59.6	3.7	BS-800[16]	51.7	40.1	—	63.3	3.9
		BS-360E[8]	50.6	39.2	—	62.0	3.8	BS-2000[17]	52.4	40.6	—	64.2	3.9
		BS-380[9]	52.3	40.5	—	64.1	3.9	BS-2800M[18]	51.6	40.0	—	63.2	3.9
IgM	g/L	BS-120[1]	0.753	0.585	—	0.921	0.056	BS-400[10]	0.719	0.557	—	0.881	0.054
		BS-200[2]	0.700	0.541	—	0.859	0.053	BS-430[11]	0.741	0.573	—	0.909	0.056
		BS-200E[3]	0.722	0.560	—	0.884	0.054	BS-480[12]	0.739	0.574	—	0.904	0.055
		BS-240[4]	0.735	0.570	—	0.900	0.055	BS-600[13]	0.714	0.552	—	0.876	0.054
		BS-240E[5]	0.739	0.574	—	0.904	0.055	BS-600M[14]	0.744	0.576	—	0.912	0.056
		BS-300[6]	0.705	0.546	—	0.864	0.053	BS-620M[15]	0.744	0.576	—	0.912	0.056
		BS-330E[7]	0.722	0.560	—	0.884	0.054	BS-800[16]	0.730	0.565	—	0.895	0.055
		BS-360E[8]	0.742	0.574	—	0.910	0.056	BS-2000[17]	0.740	0.572	—	0.908	0.056
		BS-380[9]	0.720	0.558	—	0.882	0.054	BS-2800M[18]	0.744	0.576	—	0.912	0.056
	μmol/L	BS-120[1]	0.776	0.603	—	0.949	0.058	BS-400[10]	0.741	0.574	—	0.907	0.056
		BS-200[2]	0.721	0.557	—	0.885	0.055	BS-430[11]	0.763	0.590	—	0.936	0.058
		BS-200E[3]	0.744	0.577	—	0.911	0.056	BS-480[12]	0.761	0.591	—	0.931	0.057
		BS-240[4]	0.757	0.587	—	0.927	0.057	BS-600[13]	0.735	0.569	—	0.902	0.056
		BS-240E[5]	0.761	0.591	—	0.931	0.057	BS-600M[14]	0.766	0.593	—	0.939	0.058
		BS-300[6]	0.726	0.562	—	0.890	0.055	BS-620M[15]	0.766	0.593	—	0.939	0.058
		BS-330E[7]	0.744	0.577	—	0.911	0.056	BS-800[16]	0.752	0.582	—	0.922	0.057
		BS-360E[8]	0.764	0.591	—	0.937	0.058	BS-2000[17]	0.762	0.589	—	0.935	0.058
		BS-380[9]	0.742	0.575	—	0.908	0.056	BS-2800M[18]	0.766	0.593	—	0.939	0.058
C4	g/L	BS-120[1]	0.166	0.133	—	0.199	0.011	BS-400[10]	0.167	0.134	—	0.200	0.011
		BS-200[2]	0.160	0.127	—	0.193	0.011	BS-430[11]	0.164	0.131	—	0.197	0.011
		BS-200E[3]	0.158	0.125	—	0.191	0.011	BS-480[12]	0.161	0.128	—	0.194	0.011
		BS-240[4]	0.163	0.130	—	0.196	0.011	BS-600[13]	0.161	0.128	—	0.194	0.011
		BS-240E[5]	0.157	0.124	—	0.190	0.011	BS-600M[14]	0.165	0.132	—	0.198	0.011
		BS-300[6]	0.165	0.132	—	0.198	0.011	BS-620M[15]	0.165	0.132	—	0.198	0.011
		BS-330E[7]	0.158	0.125	—	0.191	0.011	BS-800[16]	0.160	0.127	—	0.193	0.011
		BS-360E[8]	0.161	0.128	—	0.194	0.011	BS-2000[17]	0.159	0.126	—	0.192	0.011
		BS-380[9]	0.166	0.133	—	0.199	0.011	BS-2800M[18]	0.164	0.131	—	0.197	0.011
	μmol/L	BS-120[1]	0.830	0.665	—	0.995	0.055	BS-400[10]	0.835	0.670	—	1.000	0.055
		BS-200[2]	0.800	0.635	—	0.965	0.055	BS-430[11]	0.820	0.655	—	0.985	0.055
		BS-200E[3]	0.790	0.625	—	0.955	0.055	BS-480[12]	0.805	0.640	—	0.970	0.055
		BS-240[4]	0.815	0.650	—	0.980	0.055	BS-600[13]	0.805	0.640	—	0.970	0.055
		BS-240E[5]	0.785	0.620	—	0.950	0.055	BS-600M[14]	0.825	0.660	—	0.990	0.055
		BS-300[6]	0.825	0.660	—	0.990	0.055	BS-620M[15]	0.825	0.660	—	0.990	0.055
		BS-330E[7]	0.790	0.625	—	0.955	0.055	BS-800[16]	0.800	0.635	—	0.965	0.055
		BS-360E[8]	0.805	0.640	—	0.970	0.055	BS-2000[17]	0.795	0.630	—	0.960	0.055
		BS-380[9]	0.830	0.665	—	0.995	0.055	BS-2800M[18]	0.820	0.655	—	0.985	0.055
CRP Ⅱ	mg/L	BS-120[1]	5.49	3.84	—	7.14	0.55	BS-400[10]	5.99	4.19	—	7.79	0.60
		BS-200[2]	5.95	4.15	—	7.75	0.60	BS-430[11]	5.76	4.02	—	7.50	0.58
		BS-200E[3]	5.88	4.11	—	7.65	0.59	BS-480[12]	6.02	4.22	—	7.82	0.60
		BS-240[4]	6.14	4.31	—	7.97	0.61	BS-600[13]	5.90	4.13	—	7.67	0.59
		BS-240E[5]	5.54	3.89	—	7.19	0.55	BS-600M[14]	5.91	4.14	—	7.68	0.59
		BS-300[6]	5.73	4.02	—	7.44	0.57	BS-620M[15]	5.91	4.14	—	7.68	0.59
		BS-330E[7]	5.88	4.11	—	7.65	0.59	BS-800[16]	5.91	4.14	—	7.68	0.59
		BS-360E[8]	5.91	4.14	—	7.68	0.59	BS-2000[17]	5.89	4.12	—	7.66	0.59

ClinChem Multi Control (level 1)

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Assay Value	Range(Assay Value±3SD)	1 SD
CRP Ⅱ	mg/L	BS-380[9]	6.06	4.23 — 7.89	0.61				
	nmol/L	BS-120[1]	52.3	36.6 — 68.0	5.2	BS-400[10]	57.0	39.9 — 74.2	5.7
		BS-200[2]	56.6	39.5 — 73.8	5.7	BS-430[11]	54.8	38.3 — 71.4	5.5
		BS-200E[3]	56.0	39.1 — 72.8	5.6	BS-480[12]	57.3	40.2 — 74.4	5.7
		BS-240[4]	58.5	41.0 — 75.9	5.8	BS-600[13]	56.2	39.3 — 73.0	5.6
		BS-240E[5]	52.7	37.0 — 68.4	5.2	BS-600M[14]	56.3	39.4 — 73.1	5.6
		BS-300[6]	54.5	38.3 — 70.8	5.4	BS-620M[15]	56.3	39.4 — 73.1	5.6
		BS-330E[7]	56.0	39.1 — 72.8	5.6	BS-800[16]	56.3	39.4 — 73.1	5.6
		BS-360E[8]	56.3	39.4 — 73.1	5.6	BS-2000[17]	56.1	39.2 — 72.9	5.6
		BS-380[9]	57.7	40.3 — 75.1	5.8				
ALBⅡ	g/L	BS-120[1]	33.1	28.0 — 38.2	1.7	BS-400[10]	32.6	27.8 — 37.4	1.6
		BS-200[2]	32.0	27.2 — 36.8	1.6	BS-430[11]	32.7	27.9 — 37.5	1.6
		BS-200E[3]	33.1	28.0 — 38.2	1.7	BS-480[12]	32.0	27.2 — 36.8	1.6
		BS-240[4]	31.7	26.9 — 36.5	1.6	BS-600[13]	32.3	27.5 — 37.1	1.6
		BS-240E[5]	31.8	27.0 — 36.6	1.6	BS-600M[14]	32.2	27.4 — 37.0	1.6
		BS-300[6]	32.4	27.6 — 37.2	1.6	BS-620M[15]	32.2	27.4 — 37.0	1.6
		BS-330E[7]	33.1	28.0 — 38.2	1.7	BS-800[16]	32.7	27.9 — 37.5	1.6
		BS-360E[8]	32.1	27.3 — 36.9	1.6	BS-2000[17]	32.7	27.9 — 37.5	1.6
		BS-380[9]	32.6	27.8 — 37.4	1.6	BS-2800M[18]	32.2	27.4 — 37.0	1.6
	μmol/L	BS-120[1]	503	426 — 581	26	BS-400[10]	496	423 — 568	24
		BS-200[2]	486	413 — 559	24	BS-430[11]	497	424 — 570	24
		BS-200E[3]	503	426 — 581	26	BS-480[12]	486	413 — 559	24
		BS-240[4]	482	409 — 555	24	BS-600[13]	491	418 — 564	24
		BS-240E[5]	483	410 — 556	24	BS-600M[14]	489	416 — 562	24
		BS-300[6]	492	420 — 565	24	BS-620M[15]	489	416 — 562	24
		BS-330E[7]	503	426 — 581	26	BS-800[16]	497	424 — 570	24
		BS-360E[8]	488	415 — 561	24	BS-2000[17]	497	424 — 570	24
		BS-380[9]	496	423 — 568	24	BS-2800M[18]	489	416 — 562	24
ALP	U/L	BS-120[1]	97.6	82.9 — 112.3	4.9	BS-400[10]	98.0	83.3 — 112.7	4.9
		BS-200[2]	93.2	79.1 — 107.3	4.7	BS-430[11]	99.2	84.2 — 114.2	5.0
		BS-200E[3]	98.3	83.6 — 113.0	4.9	BS-480[12]	99.0	84.0 — 114.0	5.0
		BS-240[4]	93.2	79.1 — 107.3	4.7	BS-600[13]	98.2	83.5 — 112.9	4.9
		BS-240E[5]	96.2	81.8 — 110.6	4.8	BS-600M[14]	99.2	84.2 — 114.2	5.0
		BS-300[6]	94.7	80.6 — 108.8	4.7	BS-620M[15]	99.2	84.2 — 114.2	5.0
		BS-330E[7]	98.3	83.6 — 113.0	4.9	BS-800[16]	98.2	83.5 — 112.9	4.9
		BS-360E[8]	97.7	83.0 — 112.4	4.9	BS-2000[17]	99.5	84.5 — 114.5	5.0
		BS-380[9]	98.0	83.3 — 112.7	4.9	BS-2800M[18]	97.7	83.0 — 112.4	4.9
	μkat/L	BS-120[1]	1.63	1.38 — 1.88	0.08	BS-400[10]	1.64	1.39 — 1.88	0.08
		BS-200[2]	1.56	1.32 — 1.79	0.08	BS-430[11]	1.66	1.41 — 1.91	0.08
		BS-200E[3]	1.64	1.40 — 1.89	0.08	BS-480[12]	1.65	1.40 — 1.90	0.08
		BS-240[4]	1.56	1.32 — 1.79	0.08	BS-600[13]	1.64	1.39 — 1.89	0.08
		BS-240E[5]	1.61	1.37 — 1.85	0.08	BS-600M[14]	1.66	1.41 — 1.91	0.08
		BS-300[6]	1.58	1.35 — 1.82	0.08	BS-620M[15]	1.66	1.41 — 1.91	0.08
		BS-330E[7]	1.64	1.40 — 1.89	0.08	BS-800[16]	1.64	1.39 — 1.89	0.08
		BS-360E[8]	1.63	1.39 — 1.88	0.08	BS-2000[17]	1.66	1.41 — 1.91	0.08
		BS-380[9]	1.64	1.39 — 1.88	0.08	BS-2800M[18]	1.63	1.39 — 1.88	0.08
Ca	mmol/L	BS-120[1]	2.09	1.85 — 2.33	0.08	BS-400[10]	2.14	1.90 — 2.38	0.08
		BS-200[2]	2.14	1.90 — 2.38	0.08	BS-430[11]	2.11	1.87 — 2.35	0.08

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Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Assay Value	Range(Assay Value±3SD)	1 SD
Ca	mmol/L	BS-200E[3]	2.04	1.80 — 2.28	0.08	BS-480[12]	2.12	1.88 — 2.36	0.08
		BS-240[4]	2.13	1.89 — 2.37	0.08	BS-600[13]	2.08	1.84 — 2.32	0.08
		BS-240E[5]	2.09	1.85 — 2.33	0.08	BS-600M[14]	2.12	1.88 — 2.36	0.08
		BS-300[6]	2.10	1.86 — 2.34	0.08	BS-620M[15]	2.12	1.88 — 2.36	0.08
		BS-330E[7]	2.04	1.80 — 2.28	0.08	BS-800[16]	2.12	1.88 — 2.36	0.08
		BS-360E[8]	2.06	1.82 — 2.30	0.08	BS-2000[17]	2.12	1.88 — 2.36	0.08
		BS-380[9]	2.11	1.87 — 2.35	0.08	BS-2800M[18]	2.08	1.84 — 2.32	0.08
	mg/dL	BS-120[1]	8.38	7.42 — 9.34	0.32	BS-400[10]	8.58	7.62 — 9.54	0.32
		BS-200[2]	8.58	7.62 — 9.54	0.32	BS-430[11]	8.46	7.50 — 9.42	0.32
		BS-200E[3]	8.18	7.22 — 9.14	0.32	BS-480[12]	8.50	7.54 — 9.46	0.32
		BS-240[4]	8.54	7.58 — 9.50	0.32	BS-600[13]	8.34	7.38 — 9.30	0.32
		BS-240E[5]	8.38	7.42 — 9.34	0.32	BS-600M[14]	8.50	7.54 — 9.46	0.32
		BS-300[6]	8.42	7.46 — 9.38	0.32	BS-620M[15]	8.50	7.54 — 9.46	0.32
		BS-330E[7]	8.18	7.22 — 9.14	0.32	BS-800[16]	8.50	7.54 — 9.46	0.32
		BS-360E[8]	8.26	7.30 — 9.22	0.32	BS-2000[17]	8.50	7.54 — 9.46	0.32
		BS-380[9]	8.46	7.50 — 9.42	0.32	BS-2800M[18]	8.34	7.38 — 9.30	0.32
TC	mmol/L	BS-120[1]	2.80	2.41 — 3.19	0.13	BS-400[10]	2.75	2.39 — 3.11	0.12
		BS-200[2]	2.67	2.31 — 3.03	0.12	BS-430[11]	2.73	2.37 — 3.09	0.12
		BS-200E[3]	2.75	2.39 — 3.11	0.12	BS-480[12]	2.73	2.37 — 3.09	0.12
		BS-240[4]	2.75	2.39 — 3.11	0.12	BS-600[13]	2.73	2.37 — 3.09	0.12
		BS-240E[5]	2.68	2.32 — 3.04	0.12	BS-600M[14]	2.72	2.36 — 3.08	0.12
		BS-300[6]	2.77	2.41 — 3.13	0.12	BS-620M[15]	2.72	2.36 — 3.08	0.12
		BS-330E[7]	2.75	2.39 — 3.11	0.12	BS-800[16]	2.73	2.37 — 3.09	0.12
		BS-360E[8]	2.67	2.31 — 3.03	0.12	BS-2000[17]	2.73	2.37 — 3.09	0.12
		BS-380[9]	2.75	2.39 — 3.11	0.12	BS-2800M[18]	2.72	2.36 — 3.08	0.12
	mg/dL	BS-120[1]	108	93 — 123	5	BS-400[10]	106	92 — 120	5
		BS-200[2]	103	89 — 117	5	BS-430[11]	106	92 — 119	5
		BS-200E[3]	106	92 — 120	5	BS-480[12]	106	92 — 119	5
		BS-240[4]	106	92 — 120	5	BS-600[13]	106	92 — 119	5
		BS-240E[5]	104	90 — 118	5	BS-600M[14]	105	91 — 119	5
		BS-300[6]	107	93 — 121	5	BS-620M[15]	105	91 — 119	5
		BS-330E[7]	106	92 — 120	5	BS-800[16]	106	92 — 119	5
		BS-360E[8]	103	89 — 117	5	BS-2000[17]	106	92 — 119	5
		BS-380[9]	106	92 — 120	5	BS-2800M[18]	105	91 — 119	5
TG	mmol/L	BS-120[1]	1.31	1.13 — 1.49	0.06	BS-400[10]	1.27	1.09 — 1.45	0.06
		BS-200[2]	1.28	1.10 — 1.46	0.06	BS-430[11]	1.30	1.12 — 1.48	0.06
		BS-200E[3]	1.29	1.11 — 1.47	0.06	BS-480[12]	1.27	1.09 — 1.45	0.06
		BS-240[4]	1.28	1.10 — 1.46	0.06	BS-600[13]	1.28	1.10 — 1.46	0.06
		BS-240E[5]	1.27	1.09 — 1.45	0.06	BS-600M[14]	1.29	1.11 — 1.47	0.06
		BS-300[6]	1.27	1.09 — 1.45	0.06	BS-620M[15]	1.29	1.11 — 1.47	0.06
		BS-330E[7]	1.29	1.11 — 1.47	0.06	BS-800[16]	1.30	1.12 — 1.48	0.06
		BS-360E[8]	1.26	1.08 — 1.44	0.06	BS-2000[17]	1.30	1.12 — 1.48	0.06
		BS-380[9]	1.28	1.10 — 1.46	0.06	BS-2800M[18]	1.29	1.11 — 1.47	0.06
	mg/dL	BS-120[1]	116	100 — 132	5	BS-400[10]	112	96 — 128	5
		BS-200[2]	113	97 — 129	5	BS-430[11]	115	99 — 131	5
		BS-200E[3]	114	98 — 130	5	BS-480[12]	112	96 — 128	5
		BS-240[4]	113	97 — 129	5	BS-600[13]	113	97 — 129	5
		BS-240E[5]	112	96 — 128	5	BS-600M[14]	114	98 — 130	5

ClinChem Multi Control (level 1)

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Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)			1 SD	Model	Assay Value	Range(Assay Value±3SD)			1 SD
TG	mg/dL	BS-300[6]	112	96	—	128	5	BS-620M[15]	114	98	—	130	5
		BS-330E[7]	114	98	—	130	5	BS-800[16]	115	99	—	131	5
		BS-360E[8]	112	96	—	127	5	BS-2000[17]	115	99	—	131	5
		BS-380[9]	113	97	—	129	5	BS-2800M[18]	114	98	—	130	5
P	mmol/L	BS-120[1]	1.39	1.18	—	1.60	0.07	BS-400[10]	1.38	1.17	—	1.59	0.07
		BS-200[2]	1.38	1.17	—	1.59	0.07	BS-430[11]	1.39	1.18	—	1.60	0.07
		BS-200E[3]	1.38	1.17	—	1.59	0.07	BS-480[12]	1.36	1.15	—	1.57	0.07
		BS-240[4]	1.35	1.14	—	1.56	0.07	BS-600[13]	1.38	1.17	—	1.59	0.07
		BS-240E[5]	1.36	1.15	—	1.57	0.07	BS-600M[14]	1.41	1.20	—	1.62	0.07
		BS-300[6]	1.35	1.14	—	1.56	0.07	BS-620M[15]	1.41	1.20	—	1.62	0.07
		BS-330E[7]	1.38	1.17	—	1.59	0.07	BS-800[16]	1.39	1.18	—	1.60	0.07
		BS-360E[8]	1.33	1.12	—	1.54	0.07	BS-2000[17]	1.39	1.18	—	1.60	0.07
		BS-380[9]	1.38	1.17	—	1.59	0.07						
	mg/dL	BS-120[1]	4.31	3.66	—	4.96	0.22	BS-400[10]	4.28	3.63	—	4.93	0.22
		BS-200[2]	4.28	3.63	—	4.93	0.22	BS-430[11]	4.31	3.66	—	4.96	0.22
		BS-200E[3]	4.28	3.63	—	4.93	0.22	BS-480[12]	4.22	3.57	—	4.87	0.22
		BS-240[4]	4.19	3.53	—	4.84	0.22	BS-600[13]	4.28	3.63	—	4.93	0.22
		BS-240E[5]	4.22	3.57	—	4.87	0.22	BS-600M[14]	4.37	3.72	—	5.02	0.22
		BS-300[6]	4.19	3.53	—	4.84	0.22	BS-620M[15]	4.37	3.72	—	5.02	0.22
		BS-330E[7]	4.28	3.63	—	4.93	0.22	BS-800[16]	4.31	3.66	—	4.96	0.22
		BS-360E[8]	4.12	3.47	—	4.77	0.22	BS-2000[17]	4.31	3.66	—	4.96	0.22
		BS-380[9]	4.28	3.63	—	4.93	0.22						
P Ⅱ	mmol/L	BS-120[1]	1.36	1.15	—	1.57	0.07	BS-400[10]	1.35	1.14	—	1.56	0.07
		BS-200[2]	1.35	1.14	—	1.56	0.07	BS-430[11]	1.36	1.15	—	1.57	0.07
		BS-200E[3]	1.35	1.14	—	1.56	0.07	BS-480[12]	1.36	1.15	—	1.57	0.07
		BS-240[4]	1.34	1.13	—	1.55	0.07	BS-600[13]	1.36	1.15	—	1.57	0.07
		BS-240E[5]	1.32	1.11	—	1.53	0.07	BS-600M[14]	1.36	1.15	—	1.57	0.07
		BS-300[6]	1.36	1.15	—	1.57	0.07	BS-620M[15]	1.36	1.15	—	1.57	0.07
		BS-330E[7]	1.35	1.14	—	1.56	0.07	BS-800[16]	1.36	1.15	—	1.57	0.07
		BS-360E[8]	1.33	1.12	—	1.54	0.07	BS-2000[17]	1.35	1.14	—	1.56	0.07
		BS-380[9]	1.35	1.14	—	1.56	0.07	BS-2800M[18]	1.36	1.15	—	1.57	0.07
	mg/dL	BS-120[1]	4.22	3.57	—	4.87	0.22	BS-400[10]	4.19	3.53	—	4.84	0.22
		BS-200[2]	4.19	3.53	—	4.84	0.22	BS-430[11]	4.22	3.57	—	4.87	0.22
		BS-200E[3]	4.19	3.53	—	4.84	0.22	BS-480[12]	4.22	3.57	—	4.87	0.22
		BS-240[4]	4.15	3.50	—	4.81	0.22	BS-600[13]	4.22	3.57	—	4.87	0.22
		BS-240E[5]	4.09	3.44	—	4.74	0.22	BS-600M[14]	4.22	3.57	—	4.87	0.22
		BS-300[6]	4.22	3.57	—	4.87	0.22	BS-620M[15]	4.22	3.57	—	4.87	0.22
		BS-330E[7]	4.19	3.53	—	4.84	0.22	BS-800[16]	4.22	3.57	—	4.87	0.22
		BS-360E[8]	4.12	3.47	—	4.77	0.22	BS-2000[17]	4.19	3.53	—	4.84	0.22
		BS-380[9]	4.19	3.53	—	4.84	0.22	BS-2800M[18]	4.22	3.57	—	4.87	0.22
Cl-	mmol/L	BS-120[1]	88.7	80.0	—	97.4	2.9	BS-380[9]	89.9	80.9	—	98.9	3.0
		BS-200[2]	88.7	80.0	—	97.4	2.9	BS-400[10]	88.7	80.0	—	97.4	2.9
		BS-200E[3]	88.7	80.0	—	97.4	2.9	BS-430[11]	89.0	80.3	—	97.7	2.9
		BS-240[4]	88.7	80.0	—	97.4	2.9	BS-480[12]	89.3	80.6	—	98.0	2.9
		BS-240E[5]	87.7	79.0	—	96.4	2.9	BS-600[13]	86.8	78.1	—	95.5	2.9
		BS-300[6]	88.7	80.0	—	97.4	2.9	BS-600M[14]	91.2	82.2	—	100.2	3.0
		BS-330E[7]	88.7	80.0	—	97.4	2.9	BS-620M[15]	91.2	82.2	—	100.2	3.0
		BS-360E[8]	88.7	80.0	—	97.4	2.9						

ClinChem Multi Control (level 1)

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)			1 SD	Model	Assay Value	Range(Assay Value±3SD)			1 SD
Cl-	mmol/L	**BS-800**[16]	89.1	80.4	—	97.8	2.9	**BS-2800M**[18]	89.4	80.4	—	98.4	3.0
		BS-2000[17]	89.1	80.4	—	97.8	2.9						
Na+	mmol/L	**BS-120**[1]	123	111	—	135	4	**BS-380**[9]	123	111	—	135	4
		BS-200[2]	123	111	—	135	4	**BS-400**[10]	123	111	—	135	4
		BS-200E[3]	123	111	—	135	4	**BS-430**[11]	122	110	—	134	4
		BS-240[4]	123	111	—	135	4	**BS-480**[12]	123	111	—	135	4
		BS-240E[5]	120	108	—	132	4	**BS-600**[13]	121	109	—	133	4
		BS-300[6]	123	111	—	135	4	**BS-600M**[14]	123	111	—	135	4
		BS-330E[7]	123	111	—	135	4	**BS-620M**[15]	123	111	—	135	4
		BS-360E[8]	123	111	—	135	4						
	mmol/L	**BS-800**[16]	112	100	—	124	4	**BS-2800M**[18]	112	100	—	124	4
		BS-2000[17]	112	100	—	124	4						
K+	mmol/L	**BS-120**[1]	3.84	3.45	—	4.23	0.13	**BS-380**[9]	3.85	3.46	—	4.24	0.13
		BS-200[2]	3.84	3.45	—	4.23	0.13	**BS-400**[10]	3.84	3.45	—	4.23	0.13
		BS-200E[3]	3.84	3.45	—	4.23	0.13	**BS-430**[11]	3.82	3.43	—	4.21	0.13
		BS-240[4]	3.84	3.45	—	4.23	0.13	**BS-480**[12]	3.86	3.47	—	4.25	0.13
		BS-240E[5]	3.70	3.34	—	4.06	0.12	**BS-600**[13]	3.73	3.37	—	4.09	0.12
		BS-300[6]	3.84	3.45	—	4.23	0.13	**BS-600M**[14]	4.05	3.66	—	4.44	0.13
		BS-330E[7]	3.84	3.45	—	4.23	0.13	**BS-620M**[15]	4.05	3.66	—	4.44	0.13
		BS-360E[8]	3.84	3.45	—	4.23	0.13						
	mmol/L	**BS-800**[16]	3.68	3.32	—	4.04	0.12	**BS-2800M**[18]	3.69	3.33	—	4.05	0.12
		BS-2000[17]	3.68	3.32	—	4.04	0.12						

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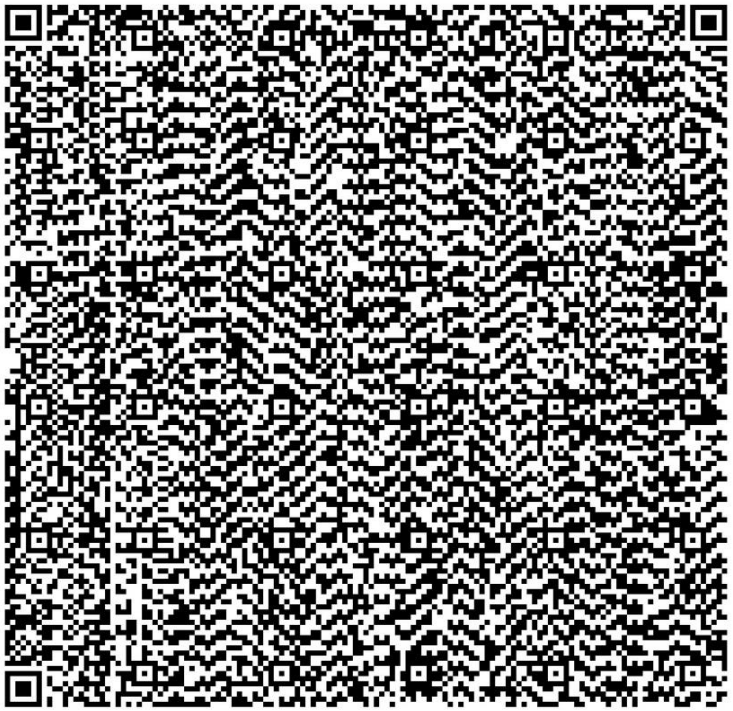
ClinChem Multi Control (level 1)

For use on: BS-2800M

LOT **059323012** **2025-11-21**



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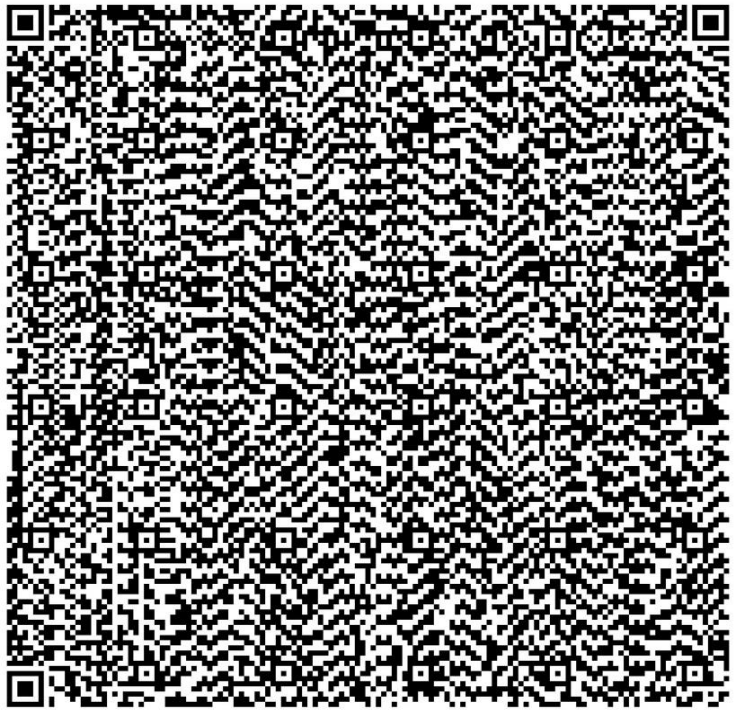
ClinChem Multi Control (level 1)

For use on: BS-2000

LOT **059323012** **2025-11-21**



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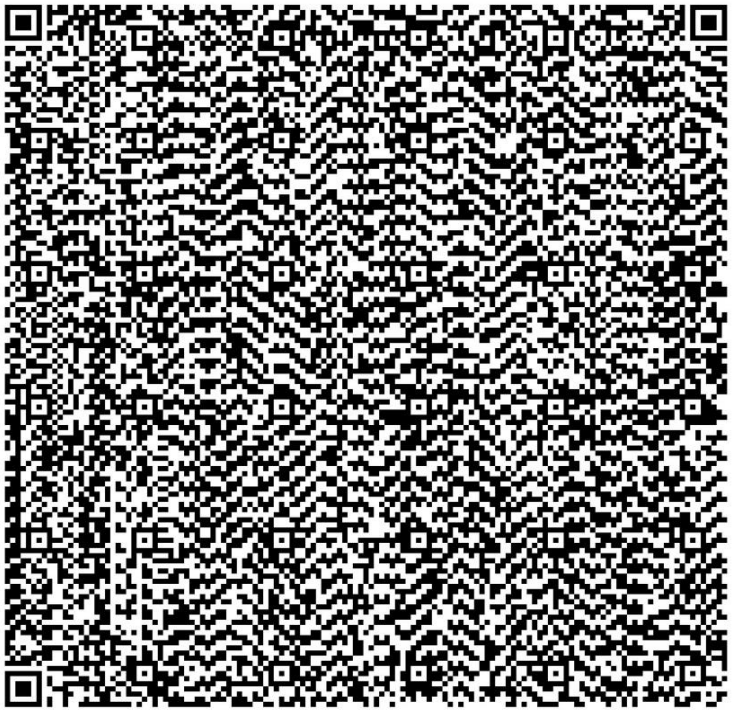
ClinChem Multi Control (level 1)

For use on: BS-620M

LOT 059323012 2025-11-21



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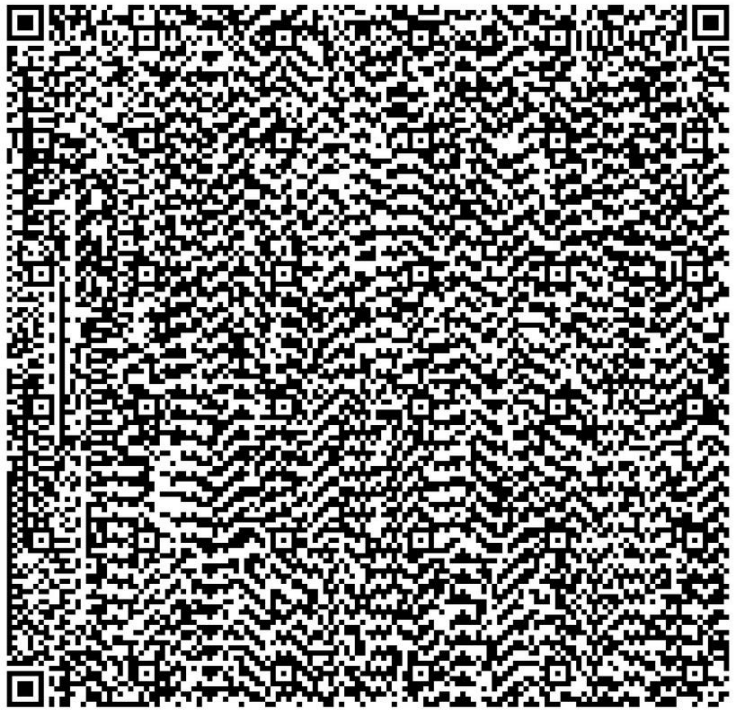
ClinChem Multi Control (level 1)

For use on: BS-600M

LOT 059323012 2025-11-21



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ClinChem Multi Control (level 1)

For use on: BS-800

LOT **059323012**

2025-11-21