

## 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.The Na+, K+ and Cl- reference values of BS-450 are only applicable to BS-410, BS-430, BS-450, BS-460 and BS-470, with their ISE Software Version of or above 2.0.
- 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-2600M, BS-2800M.
- 20.Applicable models of the chemistry shall be subject to the parameter list and instructions.

**LOT: 059323014**

**⌚: 2025-06-16**

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

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

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

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

	α-HBDH	ApoA1	ApoB	C3
<b>English</b>	α-Hydroxybutyrate Dehydrogenase	Apolipoprotein A1	Apolipoprotein B	Complement C3
<b>Русский</b>	α-гидроксибутиратдегидрогеназа	Аполипопротеин А1	Аполипопротеин В	Комплемент С3

<b>Português</b>	α-Hidroxitirato Desidrogenase	Apolipoproteína A1	Apolipoproteína B	complemento C3		
<b>Español</b>	α-hidroxibutirato deshidrogenasa	Apolipoproteína A1	Apolipoproteína B	complemento C3		
<b>Italiano</b>	α-idrossibutirrato deidrogenasi	Apolipoproteina A1	Apolipoproteina B	complemento C3		
<b>Türkçe</b>	α-Hidroksibütirat Dehidrogenaz	Apolipoprotein A1	Apolipoprotein B	Kompleman C3		
	<b>C4</b>	<b>CRP</b>	<b>IgA</b>	<b>IgG</b>	<b>IgM</b>	
<b>English</b>	Complement C4	C- Reactive protein	Immunoglobulin A	Immunoglobulin G	Immunoglobulin M	
<b>Русский</b>	Комплемент C4	C-реактивный белок	Иммуноглобулин A	Иммуноглобулин G	Иммуноглобулин M	
<b>Português</b>	complemento C4	proteína C-reativa	Imunoglobulina A	Imunoglobulina G	Imunoglobulina M	
<b>Español</b>	complemento C4	proteína C reactiva	Inmunoglobulina A	Inmunoglobulina G	Inmunoglobulina M	
<b>Italiano</b>	complemento C4	proteina C-reattiva	Immunoglobulina A	Immunoglobulina G	Immunoglobulina M	
<b>Türkçe</b>	Kompleman C4	C-Reaktif proteini	İmmünoglobulin A	İmmünoglobulin G	İmmünoglobulin M	
	<b>PA</b>	<b>LDH</b>	<b>Mg</b>	<b>P</b>	<b>TP</b>	
<b>English</b>	Prealbumin	Lactate Dehydrogenase	Magnesium	Phosphorus	Total Protein	
<b>Русский</b>	преальбумина	Лактатдегидрогеназа	Магний	Фосфор	Общий белок	
<b>Português</b>	pré-albumina	Lactato Desidrogenase	Magnésio	Fósforo	Proteína Total	
<b>Español</b>	Prealbúmina	Lactato deshidrogenasa	Magnesio	Fósforo	Proteínas totales	
<b>Italiano</b>	prealbumina	Lattato deidrogenasi	Magnesio	Fosforo	Proteina totale	
<b>Türkçe</b>	Prealbümin	Laktat Dehidrogenaz	Magnezyum	Fosfor	Total Protein	
	<b>TG</b>	<b>UA</b>	<b>Urea</b>	<b>LIP</b>	<b>CHE</b>	<b>Fe</b>
<b>English</b>	Triglycerides	Uric Acid	Urea	Lipase	Cholinesterase	Iron
<b>Русский</b>	Триглицериды	Мочевая кислота	Мочевина	Липаза	Холинэстераза	Железо
<b>Português</b>	Triglicérideos	Ácido Úrico	Ureia	Lipase	Colinesterase	Ferro
<b>Español</b>	Triglicéridos	Ácido úrico	Urea	Lipasa	Colinesterasa	Hierro
<b>Italiano</b>	Trigliceridi	Acido urico	Urea	Lipasi	Colinesterasi	Ferro
<b>Türkçe</b>	Trigliseritler	Ürik Asit	Üre	Lipaz	Kolinesteraz	Demir
	<b>UIBC</b>		<b>ASO</b>		<b>FER</b>	<b>TRF</b>
<b>English</b>	Unsaturated Iron Binding Capacity		Antistreptolysin "O"		Ferritin	Transferrin
<b>Русский</b>	ненасыщенная железосвязывающая способность		антистрептолизина O		ферритина	трансферрина
<b>Português</b>	Capacidade de ligação de ferro insaturado		AntiStreptolisina "O"		Ferritina	Transferrina
<b>Español</b>	Capacidad de unión de hierro no saturado		antiStreptolisina "O"		Ferritina	Transferrina
<b>Italiano</b>	Capacità di legame del ferro insaturo		Anti-Streptolisina "O"		Ferritina	Transferrina
<b>Türkçe</b>	Unsature Demir Bağlama Kapasitesi		Antistreptolisin "O"		Ferritin	Transferin
	<b>Na<sup>+</sup></b>	<b>K<sup>+</sup></b>	<b>Cl<sup>-</sup></b>			
<b>English</b>	Sodium	Potassium	Chlorine			
<b>Русский</b>	Натрий	Калий	Хлориды			
<b>Português</b>	Sódio	Potássio	Cloro			
<b>Español</b>	Sodio	Potasio	Cloro			
<b>Italiano</b>	Sodio	Potassio	Cloro			
<b>Türkçe</b>	Sodyum	Potasyum	Klor			

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>ALB II</b>	g/L	<b>BS-120<sup>1</sup></b>	33.0	27.9	—	38.1	1.7	<b>BS-400<sup>10</sup></b>	32.6	27.8	—	37.4	1.6
		<b>BS-200<sup>2</sup></b>	32.4	27.6	—	37.2	1.6	<b>BS-430<sup>11</sup></b>	32.7	27.9	—	37.5	1.6
		<b>BS-200E<sup>3</sup></b>	33.3	28.2	—	38.4	1.7	<b>BS-480<sup>13</sup></b>	31.8	27.0	—	36.6	1.6
		<b>BS-240<sup>4</sup></b>	31.9	27.1	—	36.7	1.6	<b>BS-600<sup>14</sup></b>	32.2	27.4	—	37.0	1.6
		<b>BS-240E<sup>5</sup></b>	31.7	26.9	—	36.5	1.6	<b>BS-600M<sup>15</sup></b>	32.1	27.3	—	36.9	1.6
		<b>BS-300<sup>6</sup></b>	32.7	27.9	—	37.5	1.6	<b>BS-620M<sup>16</sup></b>	32.1	27.3	—	36.9	1.6
		<b>BS-330E<sup>7</sup></b>	33.3	28.2	—	38.4	1.7	<b>BS-800<sup>17</sup></b>	32.7	27.9	—	37.5	1.6
	µmol/L	<b>BS-360E<sup>8</sup></b>	31.8	27.0	—	36.6	1.6	<b>BS-2000<sup>18</sup></b>	32.8	28.0	—	37.6	1.6
		<b>BS-380<sup>9</sup></b>	32.6	27.8	—	37.4	1.6	<b>BS-2800M<sup>19</sup></b>	32.1	27.3	—	36.9	1.6
		<b>BS-120<sup>1</sup></b>	502	424	—	579	26	<b>BS-400<sup>10</sup></b>	496	423	—	568	24
		<b>BS-200<sup>2</sup></b>	492	420	—	565	24	<b>BS-430<sup>11</sup></b>	497	424	—	570	24
		<b>BS-200E<sup>3</sup></b>	506	429	—	584	26	<b>BS-480<sup>13</sup></b>	483	410	—	556	24
		<b>BS-240<sup>4</sup></b>	485	412	—	558	24	<b>BS-600<sup>14</sup></b>	489	416	—	562	24
		<b>BS-240E<sup>5</sup></b>	482	409	—	555	24	<b>BS-600M<sup>15</sup></b>	488	415	—	561	24
<b>BS-300<sup>6</sup></b>	497	424	—	570	24	<b>BS-620M<sup>16</sup></b>	488	415	—	561	24		
<b>BS-330E<sup>7</sup></b>	506	429	—	584	26	<b>BS-800<sup>17</sup></b>	497	424	—	570	24		

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
ALP	U/L	BS-360E <sup>8</sup>	483	410	—	556	24	BS-2000 <sup>18</sup>	499	426	—	572	24
		BS-380 <sup>9</sup>	496	423	—	568	24	BS-2800M <sup>19</sup>	488	415	—	561	24
		BS-120 <sup>1</sup>	97.4	82.7	—	112.1	4.9	BS-400 <sup>10</sup>	98.0	83.3	—	112.7	4.9
		BS-200 <sup>2</sup>	93.4	79.3	—	107.5	4.7	BS-430 <sup>11</sup>	97.7	83.0	—	112.4	4.9
		BS-200E <sup>3</sup>	96.7	82.3	—	111.1	4.8	BS-480 <sup>13</sup>	98.1	83.4	—	112.8	4.9
		BS-240 <sup>4</sup>	92.8	79.0	—	106.6	4.6	BS-600 <sup>14</sup>	97.1	82.4	—	111.8	4.9
		BS-240E <sup>5</sup>	95.0	80.6	—	109.4	4.8	BS-600M <sup>15</sup>	97.6	82.9	—	112.3	4.9
		BS-300 <sup>6</sup>	94.4	80.3	—	108.5	4.7	BS-620M <sup>16</sup>	97.6	82.9	—	112.3	4.9
		BS-330E <sup>7</sup>	96.7	82.3	—	111.1	4.8	BS-800 <sup>17</sup>	97.1	82.4	—	111.8	4.9
		BS-360E <sup>8</sup>	95.5	81.1	—	109.9	4.8	BS-2000 <sup>18</sup>	98.2	83.5	—	112.9	4.9
	BS-380 <sup>9</sup>	98.0	83.3	—	112.7	4.9	BS-2800M <sup>19</sup>	96.6	82.2	—	111.0	4.8	
	BS-120 <sup>1</sup>	1.63	1.38	—	1.87	0.08	BS-400 <sup>10</sup>	1.64	1.39	—	1.88	0.08	
	BS-200 <sup>2</sup>	1.56	1.32	—	1.80	0.08	BS-430 <sup>11</sup>	1.63	1.39	—	1.88	0.08	
	BS-200E <sup>3</sup>	1.61	1.37	—	1.86	0.08	BS-480 <sup>13</sup>	1.64	1.39	—	1.88	0.08	
	BS-240 <sup>4</sup>	1.55	1.32	—	1.78	0.08	BS-600 <sup>14</sup>	1.62	1.38	—	1.87	0.08	
	BS-240E <sup>5</sup>	1.59	1.35	—	1.83	0.08	BS-600M <sup>15</sup>	1.63	1.38	—	1.88	0.08	
	BS-300 <sup>6</sup>	1.58	1.34	—	1.81	0.08	BS-620M <sup>16</sup>	1.63	1.38	—	1.88	0.08	
	BS-330E <sup>7</sup>	1.61	1.37	—	1.86	0.08	BS-800 <sup>17</sup>	1.62	1.38	—	1.87	0.08	
	BS-360E <sup>8</sup>	1.59	1.35	—	1.84	0.08	BS-2000 <sup>18</sup>	1.64	1.39	—	1.89	0.08	
	BS-380 <sup>9</sup>	1.64	1.39	—	1.88	0.08	BS-2800M <sup>19</sup>	1.61	1.37	—	1.85	0.08	
ALT	U/L	BS-120 <sup>1</sup>	55.1	46.7	—	63.5	2.8	BS-400 <sup>10</sup>	55.9	47.5	—	64.3	2.8
		BS-200 <sup>2</sup>	55.1	46.7	—	63.5	2.8	BS-430 <sup>11</sup>	54.8	46.7	—	62.9	2.7
		BS-200E <sup>3</sup>	53.7	45.6	—	61.8	2.7	BS-480 <sup>13</sup>	55.6	47.2	—	64.0	2.8
		BS-240 <sup>4</sup>	55.2	46.8	—	63.6	2.8	BS-600 <sup>14</sup>	54.8	46.7	—	62.9	2.7
		BS-240E <sup>5</sup>	54.4	46.3	—	62.5	2.7	BS-600M <sup>15</sup>	54.1	46.0	—	62.2	2.7
		BS-300 <sup>6</sup>	53.9	45.8	—	62.0	2.7	BS-620M <sup>16</sup>	54.1	46.0	—	62.2	2.7
		BS-330E <sup>7</sup>	53.7	45.6	—	61.8	2.7	BS-800 <sup>17</sup>	54.8	46.7	—	62.9	2.7
		BS-360E <sup>8</sup>	55.0	46.6	—	63.4	2.8	BS-2000 <sup>18</sup>	55.0	46.6	—	63.4	2.8
		BS-380 <sup>9</sup>	55.9	47.5	—	64.3	2.8	BS-2800M <sup>19</sup>	54.1	46.0	—	62.2	2.7
		BS-120 <sup>1</sup>	0.920	0.780	—	1.060	0.047	BS-400 <sup>10</sup>	0.934	0.793	—	1.074	0.047
	BS-200 <sup>2</sup>	0.920	0.780	—	1.060	0.047	BS-430 <sup>11</sup>	0.915	0.780	—	1.050	0.045	
	BS-200E <sup>3</sup>	0.897	0.762	—	1.032	0.045	BS-480 <sup>13</sup>	0.929	0.788	—	1.069	0.047	
	BS-240 <sup>4</sup>	0.922	0.782	—	1.062	0.047	BS-600 <sup>14</sup>	0.915	0.780	—	1.050	0.045	
	BS-240E <sup>5</sup>	0.908	0.773	—	1.044	0.045	BS-600M <sup>15</sup>	0.903	0.768	—	1.039	0.045	
	BS-300 <sup>6</sup>	0.900	0.765	—	1.035	0.045	BS-620M <sup>16</sup>	0.903	0.768	—	1.039	0.045	
	BS-330E <sup>7</sup>	0.897	0.762	—	1.032	0.045	BS-800 <sup>17</sup>	0.915	0.780	—	1.050	0.045	
	BS-360E <sup>8</sup>	0.919	0.778	—	1.059	0.047	BS-2000 <sup>18</sup>	0.919	0.778	—	1.059	0.047	
	BS-380 <sup>9</sup>	0.934	0.793	—	1.074	0.047	BS-2800M <sup>19</sup>	0.903	0.768	—	1.039	0.045	
	BS-120 <sup>1</sup>	86.8	73.9	—	99.7	4.3	BS-400 <sup>10</sup>	86.3	73.4	—	99.2	4.3	
	BS-200 <sup>2</sup>	84.9	72.3	—	97.5	4.2	BS-430 <sup>11</sup>	85.8	72.9	—	98.7	4.3	
BS-200E <sup>3</sup>	84.0	71.4	—	96.6	4.2	BS-480 <sup>13</sup>	87.0	73.8	—	100.2	4.4		
BS-240 <sup>4</sup>	86.8	73.9	—	99.7	4.3	BS-600 <sup>14</sup>	85.9	73.0	—	98.8	4.3		
BS-240E <sup>5</sup>	84.9	72.3	—	97.5	4.2	BS-600M <sup>15</sup>	85.7	72.8	—	98.6	4.3		
BS-300 <sup>6</sup>	87.4	74.2	—	100.6	4.4	BS-620M <sup>16</sup>	85.7	72.8	—	98.6	4.3		
BS-330E <sup>7</sup>	84.0	71.4	—	96.6	4.2	BS-800 <sup>17</sup>	85.2	72.3	—	98.1	4.3		
BS-360E <sup>8</sup>	86.2	73.3	—	99.1	4.3	BS-2000 <sup>18</sup>	87.1	73.9	—	100.3	4.4		
BS-380 <sup>9</sup>	86.3	73.4	—	99.2	4.3	BS-2800M <sup>19</sup>	85.7	72.8	—	98.6	4.3		
α-AMY	U/L	BS-120 <sup>1</sup>	1.45	1.23	—	1.66	0.07	BS-400 <sup>10</sup>	1.44	1.23	—	1.66	0.07
		BS-200 <sup>2</sup>	1.42	1.21	—	1.63	0.07	BS-430 <sup>11</sup>	1.43	1.22	—	1.65	0.07
		BS-200E <sup>3</sup>	1.40	1.19	—	1.61	0.07	BS-480 <sup>13</sup>	1.45	1.23	—	1.67	0.07
		BS-240 <sup>4</sup>	1.45	1.23	—	1.66	0.07	BS-600 <sup>14</sup>	1.43	1.22	—	1.65	0.07
		BS-240E <sup>5</sup>	1.42	1.21	—	1.63	0.07	BS-600M <sup>15</sup>	1.43	1.22	—	1.65	0.07
	BS-300 <sup>6</sup>	1.46	1.24	—	1.68	0.07	BS-620M <sup>16</sup>	1.43	1.22	—	1.65	0.07	
	BS-330E <sup>7</sup>	1.40	1.19	—	1.61	0.07	BS-800 <sup>17</sup>	1.42	1.21	—	1.64	0.07	
	BS-360E <sup>8</sup>	1.44	1.22	—	1.65	0.07	BS-2000 <sup>18</sup>	1.45	1.23	—	1.68	0.07	
	BS-380 <sup>9</sup>	1.44	1.23	—	1.66	0.07	BS-2800M <sup>19</sup>	1.43	1.22	—	1.65	0.07	
	μkat/L	BS-120 <sup>1</sup>	1.45	1.23	—	1.66	0.07	BS-400 <sup>10</sup>	1.44	1.23	—	1.66	0.07
BS-200 <sup>2</sup>		1.42	1.21	—	1.63	0.07	BS-430 <sup>11</sup>	1.43	1.22	—	1.65	0.07	
BS-200E <sup>3</sup>		1.40	1.19	—	1.61	0.07	BS-480 <sup>13</sup>	1.45	1.23	—	1.67	0.07	
BS-240 <sup>4</sup>		1.45	1.23	—	1.66	0.07	BS-600 <sup>14</sup>	1.43	1.22	—	1.65	0.07	
BS-240E <sup>5</sup>		1.42	1.21	—	1.63	0.07	BS-600M <sup>15</sup>	1.43	1.22	—	1.65	0.07	

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
AST	U/L	BS-120 <sup>1</sup>	47.6	40.4	—	54.8	2.4	BS-400 <sup>10</sup>	48.1	40.9	—	55.3	2.4
		BS-200 <sup>2</sup>	47.6	40.4	—	54.8	2.4	BS-430 <sup>11</sup>	48.5	41.3	—	55.7	2.4
		BS-200E <sup>3</sup>	45.0	38.1	—	51.9	2.3	BS-480 <sup>13</sup>	48.5	41.3	—	55.7	2.4
		BS-240 <sup>4</sup>	47.9	40.7	—	55.1	2.4	BS-600 <sup>14</sup>	48.5	41.3	—	55.7	2.4
		BS-240E <sup>5</sup>	48.5	41.3	—	55.7	2.4	BS-600M <sup>15</sup>	48.3	41.1	—	55.5	2.4
		BS-300 <sup>6</sup>	48.1	40.9	—	55.3	2.4	BS-620M <sup>16</sup>	48.3	41.1	—	55.5	2.4
		BS-330E <sup>7</sup>	45.0	38.1	—	51.9	2.3	BS-800 <sup>17</sup>	48.5	41.3	—	55.7	2.4
		BS-360E <sup>8</sup>	48.5	41.3	—	55.7	2.4	BS-2000 <sup>18</sup>	49.2	41.7	—	56.7	2.5
		BS-380 <sup>9</sup>	48.1	40.9	—	55.3	2.4	BS-2800M <sup>19</sup>	48.3	41.1	—	55.5	2.4
	µkat/L	BS-120 <sup>1</sup>	0.795	0.675	—	0.915	0.040	BS-400 <sup>10</sup>	0.803	0.683	—	0.924	0.040
		BS-200 <sup>2</sup>	0.795	0.675	—	0.915	0.040	BS-430 <sup>11</sup>	0.810	0.690	—	0.930	0.040
		BS-200E <sup>3</sup>	0.752	0.636	—	0.867	0.038	BS-480 <sup>13</sup>	0.810	0.690	—	0.930	0.040
		BS-240 <sup>4</sup>	0.800	0.680	—	0.920	0.040	BS-600 <sup>14</sup>	0.810	0.690	—	0.930	0.040
		BS-240E <sup>5</sup>	0.810	0.690	—	0.930	0.040	BS-600M <sup>15</sup>	0.807	0.686	—	0.927	0.040
		BS-300 <sup>6</sup>	0.803	0.683	—	0.924	0.040	BS-620M <sup>16</sup>	0.807	0.686	—	0.927	0.040
		BS-330E <sup>7</sup>	0.752	0.636	—	0.867	0.038	BS-800 <sup>17</sup>	0.810	0.690	—	0.930	0.040
		BS-360E <sup>8</sup>	0.810	0.690	—	0.930	0.040	BS-2000 <sup>18</sup>	0.822	0.696	—	0.947	0.042
		BS-380 <sup>9</sup>	0.803	0.683	—	0.924	0.040	BS-2800M <sup>19</sup>	0.807	0.686	—	0.927	0.040
	Bil-D (DSA) II	µmol/L	BS-120 <sup>1</sup>	18.4	14.2	—	22.6	1.4	BS-400 <sup>10</sup>	18.3	14.1	—	22.5
BS-200 <sup>2</sup>			18.3	14.1	—	22.5	1.4	BS-430 <sup>11</sup>	18.7	14.5	—	22.9	1.4
BS-200E <sup>3</sup>			18.5	14.3	—	22.7	1.4	BS-480 <sup>13</sup>	18.5	14.3	—	22.7	1.4
BS-240 <sup>4</sup>			18.4	14.2	—	22.6	1.4	BS-600 <sup>14</sup>	18.6	14.4	—	22.8	1.4
BS-240E <sup>5</sup>			18.6	14.4	—	22.8	1.4	BS-600M <sup>15</sup>	18.7	14.5	—	22.9	1.4
BS-300 <sup>6</sup>			18.4	14.2	—	22.6	1.4	BS-620M <sup>16</sup>	18.7	14.5	—	22.9	1.4
BS-330E <sup>7</sup>			18.5	14.3	—	22.7	1.4	BS-800 <sup>17</sup>	18.7	14.5	—	22.9	1.4
BS-360E <sup>8</sup>			18.7	14.5	—	22.9	1.4	BS-2000 <sup>18</sup>	18.5	14.3	—	22.7	1.4
BS-380 <sup>9</sup>			18.5	14.3	—	22.7	1.4	BS-2800M <sup>19</sup>	18.6	14.4	—	22.8	1.4
mg/dL		BS-120 <sup>1</sup>	1.08	0.83	—	1.32	0.08	BS-400 <sup>10</sup>	1.07	0.82	—	1.32	0.08
		BS-200 <sup>2</sup>	1.07	0.82	—	1.32	0.08	BS-430 <sup>11</sup>	1.09	0.85	—	1.34	0.08
		BS-200E <sup>3</sup>	1.08	0.84	—	1.33	0.08	BS-480 <sup>13</sup>	1.08	0.84	—	1.33	0.08
		BS-240 <sup>4</sup>	1.08	0.83	—	1.32	0.08	BS-600 <sup>14</sup>	1.09	0.84	—	1.33	0.08
		BS-240E <sup>5</sup>	1.09	0.84	—	1.33	0.08	BS-600M <sup>15</sup>	1.09	0.85	—	1.34	0.08
		BS-300 <sup>6</sup>	1.08	0.83	—	1.32	0.08	BS-620M <sup>16</sup>	1.09	0.85	—	1.34	0.08
		BS-330E <sup>7</sup>	1.08	0.84	—	1.33	0.08	BS-800 <sup>17</sup>	1.09	0.85	—	1.34	0.08
		BS-360E <sup>8</sup>	1.09	0.85	—	1.34	0.08	BS-2000 <sup>18</sup>	1.08	0.84	—	1.33	0.08
		BS-380 <sup>9</sup>	1.08	0.84	—	1.33	0.08	BS-2800M <sup>19</sup>	1.09	0.84	—	1.33	0.08
Bil-D (VOX)		µmol/L	BS-120 <sup>1</sup>	11.2	8.8	—	13.6	0.8	BS-400 <sup>10</sup>	11.2	8.8	—	13.6
	BS-200 <sup>2</sup>		11.2	8.8	—	13.6	0.8	BS-430 <sup>11</sup>	11.2	8.8	—	13.6	0.8
	BS-200E <sup>3</sup>		11.5	8.8	—	14.2	0.9	BS-480 <sup>13</sup>	11.2	8.8	—	13.6	0.8
	BS-240 <sup>4</sup>		11.3	8.9	—	13.7	0.8	BS-600 <sup>14</sup>	11.2	8.8	—	13.6	0.8
	BS-240E <sup>5</sup>		11.2	8.8	—	13.6	0.8	BS-600M <sup>15</sup>	11.5	8.8	—	14.2	0.9
	BS-300 <sup>6</sup>		11.2	8.8	—	13.6	0.8	BS-620M <sup>16</sup>	11.5	8.8	—	14.2	0.9
	BS-330E <sup>7</sup>		11.5	8.8	—	14.2	0.9	BS-800 <sup>17</sup>	11.2	8.8	—	13.6	0.8
	BS-360E <sup>8</sup>		11.2	8.8	—	13.6	0.8	BS-2000 <sup>18</sup>	11.3	8.9	—	13.7	0.8
	BS-380 <sup>9</sup>		11.2	8.8	—	13.6	0.8	BS-2800M <sup>19</sup>	11.5	8.8	—	14.2	0.9
	mg/dL	BS-120 <sup>1</sup>	0.655	0.515	—	0.795	0.047	BS-400 <sup>10</sup>	0.655	0.515	—	0.795	0.047
		BS-200 <sup>2</sup>	0.655	0.515	—	0.795	0.047	BS-430 <sup>11</sup>	0.655	0.515	—	0.795	0.047
		BS-200E <sup>3</sup>	0.673	0.515	—	0.830	0.053	BS-480 <sup>13</sup>	0.655	0.515	—	0.795	0.047
		BS-240 <sup>4</sup>	0.661	0.520	—	0.801	0.047	BS-600 <sup>14</sup>	0.655	0.515	—	0.795	0.047
		BS-240E <sup>5</sup>	0.655	0.515	—	0.795	0.047	BS-600M <sup>15</sup>	0.673	0.515	—	0.830	0.053
		BS-300 <sup>6</sup>	0.655	0.515	—	0.795	0.047	BS-620M <sup>16</sup>	0.673	0.515	—	0.830	0.053
		BS-330E <sup>7</sup>	0.673	0.515	—	0.830	0.053	BS-800 <sup>17</sup>	0.655	0.515	—	0.795	0.047
		BS-360E <sup>8</sup>	0.655	0.515	—	0.795	0.047	BS-2000 <sup>18</sup>	0.661	0.520	—	0.801	0.047
		BS-380 <sup>9</sup>	0.655	0.515	—	0.795	0.047	BS-2800M <sup>19</sup>	0.673	0.515	—	0.830	0.053
			BS-120 <sup>1</sup>	19.6	15.1	—	24.1	1.5	BS-400 <sup>10</sup>	19.5	15.0	—	24.0
		BS-200 <sup>2</sup>	19.2	15.0	—	23.4	1.4	BS-430 <sup>11</sup>	20.4	15.9	—	24.9	1.5

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD				
Bil-T (DSA) II	μmol/L	BS-200E <sup>3</sup>	19.5	15.0	—	24.0	1.5	BS-480 <sup>13</sup>	19.5	15.0	—	24.0	1.5		
		BS-240 <sup>4</sup>	19.2	15.0	—	23.4	1.4	BS-600 <sup>14</sup>	20.4	15.9	—	24.9	1.5		
		BS-240E <sup>5</sup>	19.2	15.0	—	23.4	1.4	BS-600M <sup>15</sup>	20.0	15.5	—	24.5	1.5		
		BS-300 <sup>6</sup>	19.5	15.0	—	24.0	1.5	BS-620M <sup>16</sup>	20.0	15.5	—	24.5	1.5		
		BS-330E <sup>7</sup>	19.5	15.0	—	24.0	1.5	BS-800 <sup>17</sup>	20.4	15.9	—	24.9	1.5		
		BS-360E <sup>8</sup>	20.4	15.9	—	24.9	1.5	BS-2000 <sup>18</sup>	20.6	16.1	—	25.1	1.5		
	mg/dL	BS-380 <sup>9</sup>	19.5	15.0	—	24.0	1.5	BS-2800M <sup>19</sup>	20.0	15.5	—	24.5	1.5		
		BS-120 <sup>1</sup>	1.15	0.88	—	1.41	0.09	BS-400 <sup>10</sup>	1.14	0.88	—	1.40	0.09		
		BS-200 <sup>2</sup>	1.12	0.88	—	1.37	0.08	BS-430 <sup>11</sup>	1.19	0.93	—	1.46	0.09		
		BS-200E <sup>3</sup>	1.14	0.88	—	1.40	0.09	BS-480 <sup>13</sup>	1.14	0.88	—	1.40	0.09		
		BS-240 <sup>4</sup>	1.12	0.88	—	1.37	0.08	BS-600 <sup>14</sup>	1.19	0.93	—	1.46	0.09		
		BS-240E <sup>5</sup>	1.12	0.88	—	1.37	0.08	BS-600M <sup>15</sup>	1.17	0.91	—	1.43	0.09		
		BS-300 <sup>6</sup>	1.14	0.88	—	1.40	0.09	BS-620M <sup>16</sup>	1.17	0.91	—	1.43	0.09		
		BS-330E <sup>7</sup>	1.14	0.88	—	1.40	0.09	BS-800 <sup>17</sup>	1.19	0.93	—	1.46	0.09		
		BS-360E <sup>8</sup>	1.19	0.93	—	1.46	0.09	BS-2000 <sup>18</sup>	1.20	0.94	—	1.47	0.09		
		BS-380 <sup>9</sup>	1.14	0.88	—	1.40	0.09	BS-2800M <sup>19</sup>	1.17	0.91	—	1.43	0.09		
		Bil-T (VOX)	μmol/L	BS-120 <sup>1</sup>	17.2	13.3	—	21.1	1.3	BS-400 <sup>10</sup>	17.1	13.2	—	21.0	1.3
				BS-200 <sup>2</sup>	17.2	13.3	—	21.1	1.3	BS-430 <sup>11</sup>	17.1	13.2	—	21.0	1.3
BS-200E <sup>3</sup>	17.1			13.2	—	21.0	1.3	BS-480 <sup>13</sup>	17.1	13.2	—	21.0	1.3		
BS-240 <sup>4</sup>	17.0			13.1	—	20.9	1.3	BS-600 <sup>14</sup>	17.1	13.2	—	21.0	1.3		
BS-240E <sup>5</sup>	17.1			13.2	—	21.0	1.3	BS-600M <sup>15</sup>	17.3	13.4	—	21.2	1.3		
BS-300 <sup>6</sup>	17.1			13.2	—	21.0	1.3	BS-620M <sup>16</sup>	17.3	13.4	—	21.2	1.3		
BS-330E <sup>7</sup>	17.1			13.2	—	21.0	1.3	BS-800 <sup>17</sup>	17.1	13.2	—	21.0	1.3		
BS-360E <sup>8</sup>	17.1			13.2	—	21.0	1.3	BS-2000 <sup>18</sup>	17.4	13.5	—	21.3	1.3		
BS-380 <sup>9</sup>	17.1			13.2	—	21.0	1.3	BS-2800M <sup>19</sup>	17.3	13.4	—	21.2	1.3		
mg/dL	BS-120 <sup>1</sup>		1.01	0.78	—	1.23	0.08	BS-400 <sup>10</sup>	1.00	0.77	—	1.23	0.08		
	BS-200 <sup>2</sup>		1.01	0.78	—	1.23	0.08	BS-430 <sup>11</sup>	1.00	0.77	—	1.23	0.08		
	BS-200E <sup>3</sup>		1.00	0.77	—	1.23	0.08	BS-480 <sup>13</sup>	1.00	0.77	—	1.23	0.08		
	BS-240 <sup>4</sup>		0.994	0.766	—	1.222	0.076	BS-600 <sup>14</sup>	1.00	0.77	—	1.23	0.08		
	BS-240E <sup>5</sup>		1.00	0.77	—	1.23	0.08	BS-600M <sup>15</sup>	1.01	0.78	—	1.24	0.08		
	BS-300 <sup>6</sup>		1.00	0.77	—	1.23	0.08	BS-620M <sup>16</sup>	1.01	0.78	—	1.24	0.08		
	BS-330E <sup>7</sup>		1.00	0.77	—	1.23	0.08	BS-800 <sup>17</sup>	1.00	0.77	—	1.23	0.08		
	BS-360E <sup>8</sup>		1.00	0.77	—	1.23	0.08	BS-2000 <sup>18</sup>	1.02	0.79	—	1.25	0.08		
	BS-380 <sup>9</sup>		1.00	0.77	—	1.23	0.08	BS-2800M <sup>19</sup>	1.01	0.78	—	1.24	0.08		
Ca	mmol/L	BS-120 <sup>1</sup>	2.05	1.81	—	2.29	0.08	BS-400 <sup>10</sup>	2.14	1.90	—	2.38	0.08		
		BS-200 <sup>2</sup>	2.13	1.89	—	2.37	0.08	BS-430 <sup>11</sup>	2.11	1.87	—	2.35	0.08		
		BS-200E <sup>3</sup>	2.05	1.81	—	2.29	0.08	BS-480 <sup>13</sup>	2.11	1.87	—	2.35	0.08		
		BS-240 <sup>4</sup>	2.14	1.90	—	2.38	0.08	BS-600 <sup>14</sup>	2.08	1.84	—	2.32	0.08		
		BS-240E <sup>5</sup>	2.09	1.85	—	2.33	0.08	BS-600M <sup>15</sup>	2.12	1.88	—	2.36	0.08		
		BS-300 <sup>6</sup>	2.12	1.88	—	2.36	0.08	BS-620M <sup>16</sup>	2.12	1.88	—	2.36	0.08		
		BS-330E <sup>7</sup>	2.05	1.81	—	2.29	0.08	BS-800 <sup>17</sup>	2.12	1.88	—	2.36	0.08		
		BS-360E <sup>8</sup>	2.05	1.81	—	2.29	0.08	BS-2000 <sup>18</sup>	2.12	1.88	—	2.36	0.08		
		BS-380 <sup>9</sup>	2.12	1.88	—	2.36	0.08	BS-2800M <sup>19</sup>	2.08	1.84	—	2.32	0.08		
	mg/dL	BS-120 <sup>1</sup>	8.22	7.26	—	9.18	0.32	BS-400 <sup>10</sup>	8.58	7.62	—	9.54	0.32		
		BS-200 <sup>2</sup>	8.54	7.58	—	9.50	0.32	BS-430 <sup>11</sup>	8.46	7.50	—	9.42	0.32		
		BS-200E <sup>3</sup>	8.22	7.26	—	9.18	0.32	BS-480 <sup>13</sup>	8.46	7.50	—	9.42	0.32		
		BS-240 <sup>4</sup>	8.58	7.62	—	9.54	0.32	BS-600 <sup>14</sup>	8.34	7.38	—	9.30	0.32		
		BS-240E <sup>5</sup>	8.38	7.42	—	9.34	0.32	BS-600M <sup>15</sup>	8.50	7.54	—	9.46	0.32		
		BS-300 <sup>6</sup>	8.50	7.54	—	9.46	0.32	BS-620M <sup>16</sup>	8.50	7.54	—	9.46	0.32		
		BS-330E <sup>7</sup>	8.22	7.26	—	9.18	0.32	BS-800 <sup>17</sup>	8.50	7.54	—	9.46	0.32		
		BS-360E <sup>8</sup>	8.22	7.26	—	9.18	0.32	BS-2000 <sup>18</sup>	8.50	7.54	—	9.46	0.32		
		BS-380 <sup>9</sup>	8.50	7.54	—	9.46	0.32	BS-2800M <sup>19</sup>	8.34	7.38	—	9.30	0.32		
mg/dL	BS-120 <sup>1</sup>	2.80	2.41	—	3.19	0.13	BS-400 <sup>10</sup>	2.74	2.38	—	3.10	0.12			
	BS-200 <sup>2</sup>	2.67	2.31	—	3.03	0.12	BS-430 <sup>11</sup>	2.73	2.37	—	3.09	0.12			
	BS-200E <sup>3</sup>	2.74	2.38	—	3.10	0.12	BS-480 <sup>13</sup>	2.73	2.37	—	3.09	0.12			
	BS-240 <sup>4</sup>	2.76	2.40	—	3.12	0.12	BS-600 <sup>14</sup>	2.73	2.37	—	3.09	0.12			

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD				
TC	mmol/L	BS-240E <sup>5</sup>	2.68	2.32	—	3.04	0.12	BS-600M <sup>15</sup>	2.71	2.35	—	3.07	0.12		
		BS-300 <sup>6</sup>	2.78	2.39	—	3.17	0.13	BS-620M <sup>16</sup>	2.71	2.35	—	3.07	0.12		
		BS-330E <sup>7</sup>	2.74	2.38	—	3.10	0.12	BS-800 <sup>17</sup>	2.73	2.37	—	3.09	0.12		
		BS-360E <sup>8</sup>	2.65	2.29	—	3.01	0.12	BS-2000 <sup>18</sup>	2.74	2.38	—	3.10	0.12		
		BS-380 <sup>9</sup>	2.74	2.38	—	3.10	0.12	BS-2800M <sup>19</sup>	2.71	2.35	—	3.07	0.12		
	mg/dL	BS-120 <sup>1</sup>	108	93	—	123	5	BS-400 <sup>10</sup>	106	92	—	120	5		
		BS-200 <sup>2</sup>	103	89	—	117	5	BS-430 <sup>11</sup>	106	92	—	119	5		
		BS-200E <sup>3</sup>	106	92	—	120	5	BS-480 <sup>13</sup>	106	92	—	119	5		
		BS-240 <sup>4</sup>	107	93	—	121	5	BS-600 <sup>14</sup>	106	92	—	119	5		
		BS-240E <sup>5</sup>	104	90	—	118	5	BS-600M <sup>15</sup>	105	91	—	119	5		
		BS-300 <sup>6</sup>	107	92	—	123	5	BS-620M <sup>16</sup>	105	91	—	119	5		
		BS-330E <sup>7</sup>	106	92	—	120	5	BS-800 <sup>17</sup>	106	92	—	119	5		
		BS-360E <sup>8</sup>	102	89	—	116	5	BS-2000 <sup>18</sup>	106	92	—	120	5		
		BS-380 <sup>9</sup>	106	92	—	120	5	BS-2800M <sup>19</sup>	105	91	—	119	5		
		HDL-C	mmol/L	BS-120 <sup>1</sup>	0.870	0.675	—	1.065	0.065	BS-400 <sup>10</sup>	0.866	0.671	—	1.061	0.065
				BS-200 <sup>2</sup>	0.820	0.634	—	1.006	0.062	BS-430 <sup>11</sup>	0.838	0.649	—	1.027	0.063
				BS-200E <sup>3</sup>	0.829	0.643	—	1.015	0.062	BS-480 <sup>13</sup>	0.856	0.664	—	1.048	0.064
				BS-240 <sup>4</sup>	0.850	0.658	—	1.042	0.064	BS-600 <sup>14</sup>	0.853	0.661	—	1.045	0.064
BS-240E <sup>5</sup>	0.813			0.630	—	0.996	0.061	BS-600M <sup>15</sup>	0.854	0.662	—	1.046	0.064		
BS-300 <sup>6</sup>	0.845			0.656	—	1.034	0.063	BS-620M <sup>16</sup>	0.854	0.662	—	1.046	0.064		
BS-330E <sup>7</sup>	0.829			0.643	—	1.015	0.062	BS-800 <sup>17</sup>	0.860	0.665	—	1.055	0.065		
BS-360E <sup>8</sup>	0.809			0.626	—	0.992	0.061	BS-2000 <sup>18</sup>	0.853	0.661	—	1.045	0.064		
BS-380 <sup>9</sup>	0.858			0.666	—	1.050	0.064	BS-2800M <sup>19</sup>	0.855	0.663	—	1.047	0.064		
mg/dL	BS-120 <sup>1</sup>		33.6	26.1	—	41.2	2.5	BS-400 <sup>10</sup>	33.5	25.9	—	41.0	2.5		
	BS-200 <sup>2</sup>		31.7	24.5	—	38.9	2.4	BS-430 <sup>11</sup>	32.4	25.1	—	39.7	2.4		
	BS-200E <sup>3</sup>		32.0	24.9	—	39.2	2.4	BS-480 <sup>13</sup>	33.1	25.7	—	40.5	2.5		
	BS-240 <sup>4</sup>		32.9	25.4	—	40.3	2.5	BS-600 <sup>14</sup>	33.0	25.6	—	40.4	2.5		
	BS-240E <sup>5</sup>		31.4	24.4	—	38.5	2.4	BS-600M <sup>15</sup>	33.0	25.6	—	40.4	2.5		
	BS-300 <sup>6</sup>		32.7	25.4	—	40.0	2.4	BS-620M <sup>16</sup>	33.0	25.6	—	40.4	2.5		
	BS-330E <sup>7</sup>		32.0	24.9	—	39.2	2.4	BS-800 <sup>17</sup>	33.2	25.7	—	40.8	2.5		
	BS-360E <sup>8</sup>		31.3	24.2	—	38.4	2.4	BS-2000 <sup>18</sup>	33.0	25.6	—	40.4	2.5		
	BS-380 <sup>9</sup>		33.2	25.7	—	40.6	2.5	BS-2800M <sup>19</sup>	33.1	25.6	—	40.5	2.5		
LDL-C	mmol/L	BS-120 <sup>1</sup>	1.66	1.30	—	2.02	0.12	BS-400 <sup>10</sup>	1.64	1.28	—	2.00	0.12		
		BS-200 <sup>2</sup>	1.62	1.26	—	1.98	0.12	BS-430 <sup>11</sup>	1.68	1.29	—	2.07	0.13		
		BS-200E <sup>3</sup>	1.66	1.30	—	2.02	0.12	BS-480 <sup>13</sup>	1.68	1.29	—	2.07	0.13		
		BS-240 <sup>4</sup>	1.61	1.25	—	1.97	0.12	BS-600 <sup>14</sup>	1.69	1.30	—	2.08	0.13		
		BS-240E <sup>5</sup>	1.68	1.29	—	2.07	0.13	BS-600M <sup>15</sup>	1.69	1.30	—	2.08	0.13		
		BS-300 <sup>6</sup>	1.67	1.28	—	2.06	0.13	BS-620M <sup>16</sup>	1.69	1.30	—	2.08	0.13		
		BS-330E <sup>7</sup>	1.66	1.30	—	2.02	0.12	BS-800 <sup>17</sup>	1.70	1.31	—	2.09	0.13		
		BS-360E <sup>8</sup>	1.68	1.29	—	2.07	0.13	BS-2000 <sup>18</sup>	1.68	1.29	—	2.07	0.13		
		BS-380 <sup>9</sup>	1.65	1.29	—	2.01	0.12	BS-2800M <sup>19</sup>	1.69	1.30	—	2.08	0.13		
	mg/dL	BS-120 <sup>1</sup>	64.2	50.3	—	78.1	4.6	BS-400 <sup>10</sup>	63.4	49.5	—	77.3	4.6		
		BS-200 <sup>2</sup>	62.6	48.7	—	76.5	4.6	BS-430 <sup>11</sup>	64.9	49.9	—	80.0	5.0		
		BS-200E <sup>3</sup>	64.2	50.3	—	78.1	4.6	BS-480 <sup>13</sup>	64.9	49.9	—	80.0	5.0		
		BS-240 <sup>4</sup>	62.2	48.3	—	76.2	4.6	BS-600 <sup>14</sup>	65.3	50.3	—	80.4	5.0		
		BS-240E <sup>5</sup>	64.9	49.9	—	80.0	5.0	BS-600M <sup>15</sup>	65.3	50.3	—	80.4	5.0		
		BS-300 <sup>6</sup>	64.6	49.5	—	79.6	5.0	BS-620M <sup>16</sup>	65.3	50.3	—	80.4	5.0		
		BS-330E <sup>7</sup>	64.2	50.3	—	78.1	4.6	BS-800 <sup>17</sup>	65.7	50.6	—	80.8	5.0		
		BS-360E <sup>8</sup>	64.9	49.9	—	80.0	5.0	BS-2000 <sup>18</sup>	64.9	49.9	—	80.0	5.0		
		BS-380 <sup>9</sup>	63.8	49.9	—	77.7	4.6	BS-2800M <sup>19</sup>	65.3	50.3	—	80.4	5.0		
U/L	BS-120 <sup>1</sup>	142	121	—	163	7	BS-400 <sup>10</sup>	140	119	—	161	7			
	BS-200 <sup>2</sup>	140	119	—	161	7	BS-430 <sup>11</sup>	141	120	—	162	7			
	BS-200E <sup>3</sup>	140	119	—	161	7	BS-480 <sup>13</sup>	141	120	—	162	7			
	BS-240 <sup>4</sup>	145	124	—	166	7	BS-600 <sup>14</sup>	142	121	—	163	7			
	BS-240E <sup>5</sup>	141	120	—	162	7	BS-600M <sup>15</sup>	140	119	—	161	7			
	BS-300 <sup>6</sup>	140	119	—	161	7	BS-620M <sup>16</sup>	140	119	—	161	7			

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-330E <sup>7</sup>	140	119	—	161	7	BS-800 <sup>17</sup>	141	120	—	162	7
		BS-360E <sup>8</sup>	141	120	—	162	7	BS-2000 <sup>18</sup>	141	120	—	162	7
		BS-380 <sup>9</sup>	140	119	—	161	7	BS-2800M <sup>19</sup>	140	119	—	161	7
		BS-120 <sup>1</sup>	2.37	2.02	—	2.72	0.12	BS-400 <sup>10</sup>	2.34	1.99	—	2.69	0.12
		BS-200 <sup>2</sup>	2.34	1.99	—	2.69	0.12	BS-430 <sup>11</sup>	2.35	2.00	—	2.71	0.12
		BS-200E <sup>3</sup>	2.34	1.99	—	2.69	0.12	BS-480 <sup>13</sup>	2.35	2.00	—	2.71	0.12
		BS-240 <sup>4</sup>	2.42	2.07	—	2.77	0.12	BS-600 <sup>14</sup>	2.37	2.02	—	2.72	0.12
		BS-240E <sup>5</sup>	2.35	2.00	—	2.71	0.12	BS-600M <sup>15</sup>	2.34	1.99	—	2.69	0.12
		BS-300 <sup>6</sup>	2.34	1.99	—	2.69	0.12	BS-620M <sup>16</sup>	2.34	1.99	—	2.69	0.12
		BS-330E <sup>7</sup>	2.34	1.99	—	2.69	0.12	BS-800 <sup>17</sup>	2.35	2.00	—	2.71	0.12
		BS-360E <sup>8</sup>	2.35	2.00	—	2.71	0.12	BS-2000 <sup>18</sup>	2.35	2.00	—	2.71	0.12
		BS-380 <sup>9</sup>	2.34	1.99	—	2.69	0.12	BS-2800M <sup>19</sup>	2.34	1.99	—	2.69	0.12
CK-MB	U/L	BS-120 <sup>1</sup>	42.5	32.9	—	52.1	3.2	BS-400 <sup>10</sup>	43.2	33.6	—	52.8	3.2
		BS-200 <sup>2</sup>	42.3	32.7	—	51.9	3.2	BS-430 <sup>11</sup>	42.8	33.2	—	52.4	3.2
		BS-200E <sup>3</sup>	42.8	33.2	—	52.4	3.2	BS-480 <sup>13</sup>	44.7	34.5	—	54.9	3.4
		BS-240 <sup>4</sup>	42.8	33.2	—	52.4	3.2	BS-600 <sup>14</sup>	44.8	34.6	—	55.0	3.4
		BS-240E <sup>5</sup>	43.7	33.8	—	53.6	3.3	BS-600M <sup>15</sup>	43.9	34.0	—	53.8	3.3
		BS-300 <sup>6</sup>	44.8	34.6	—	55.0	3.4	BS-620M <sup>16</sup>	43.9	34.0	—	53.8	3.3
		BS-330E <sup>7</sup>	42.8	33.2	—	52.4	3.2	BS-800 <sup>17</sup>	43.6	33.7	—	53.5	3.3
		BS-360E <sup>8</sup>	42.8	33.2	—	52.4	3.2	BS-2000 <sup>18</sup>	43.1	33.5	—	52.7	3.2
		BS-380 <sup>9</sup>	44.3	34.4	—	54.2	3.3	BS-2800M <sup>19</sup>	43.5	33.6	—	53.4	3.3
		BS-120 <sup>1</sup>	0.710	0.549	—	0.870	0.053	BS-400 <sup>10</sup>	0.721	0.561	—	0.882	0.053
		BS-200 <sup>2</sup>	0.706	0.546	—	0.867	0.053	BS-430 <sup>11</sup>	0.715	0.554	—	0.875	0.053
		BS-200E <sup>3</sup>	0.715	0.554	—	0.875	0.053	BS-480 <sup>13</sup>	0.746	0.576	—	0.917	0.057
CREA (SOX)	μmol/L	BS-240 <sup>4</sup>	0.715	0.554	—	0.875	0.053	BS-600 <sup>14</sup>	0.748	0.578	—	0.919	0.057
		BS-240E <sup>5</sup>	0.730	0.564	—	0.895	0.055	BS-600M <sup>15</sup>	0.733	0.568	—	0.898	0.055
		BS-300 <sup>6</sup>	0.748	0.578	—	0.919	0.057	BS-620M <sup>16</sup>	0.733	0.568	—	0.898	0.055
		BS-330E <sup>7</sup>	0.715	0.554	—	0.875	0.053	BS-800 <sup>17</sup>	0.728	0.563	—	0.893	0.055
		BS-360E <sup>8</sup>	0.715	0.554	—	0.875	0.053	BS-2000 <sup>18</sup>	0.720	0.559	—	0.880	0.053
		BS-380 <sup>9</sup>	0.740	0.574	—	0.905	0.055	BS-2800M <sup>19</sup>	0.726	0.561	—	0.892	0.055
		BS-120 <sup>1</sup>	92.5	78.7	—	106.3	4.6	BS-400 <sup>10</sup>	91.8	78.0	—	105.6	4.6
		BS-200 <sup>2</sup>	91.8	78.0	—	105.6	4.6	BS-430 <sup>11</sup>	93.6	79.5	—	107.7	4.7
		BS-200E <sup>3</sup>	89.5	76.0	—	103.0	4.5	BS-480 <sup>13</sup>	93.1	79.0	—	107.2	4.7
		BS-240 <sup>4</sup>	92.1	78.3	—	105.9	4.6	BS-600 <sup>14</sup>	92.0	78.2	—	105.8	4.6
		BS-240E <sup>5</sup>	92.0	78.2	—	105.8	4.6	BS-600M <sup>15</sup>	91.8	78.0	—	105.6	4.6
		BS-300 <sup>6</sup>	92.0	78.2	—	105.8	4.6	BS-620M <sup>16</sup>	81.3	69.0	—	93.6	4.1
CREA (SOX)	mg/dL	BS-330E <sup>7</sup>	89.5	76.0	—	103.0	4.5	BS-800 <sup>17</sup>	82.2	69.9	—	94.5	4.1
		BS-360E <sup>8</sup>	90.5	77.0	—	104.0	4.5	BS-2000 <sup>18</sup>	80.6	68.6	—	92.6	4.0
		BS-380 <sup>9</sup>	91.8	78.0	—	105.6	4.6	BS-2800M <sup>19</sup>	81.3	69.0	—	93.6	4.1
		BS-120 <sup>1</sup>	1.05	0.89	—	1.20	0.05	BS-400 <sup>10</sup>	1.04	0.88	—	1.19	0.05
		BS-200 <sup>2</sup>	1.04	0.88	—	1.19	0.05	BS-430 <sup>11</sup>	1.06	0.90	—	1.22	0.05
		BS-200E <sup>3</sup>	1.01	0.86	—	1.17	0.05	BS-480 <sup>13</sup>	1.05	0.89	—	1.21	0.05
		BS-240 <sup>4</sup>	1.04	0.89	—	1.20	0.05	BS-600 <sup>14</sup>	1.04	0.88	—	1.20	0.05
		BS-240E <sup>5</sup>	1.04	0.88	—	1.20	0.05	BS-600M <sup>15</sup>	1.04	0.88	—	1.19	0.05
		BS-300 <sup>6</sup>	1.04	0.88	—	1.20	0.05	BS-620M <sup>16</sup>	0.920	0.781	—	1.059	0.046
		BS-330E <sup>7</sup>	1.01	0.86	—	1.17	0.05	BS-800 <sup>17</sup>	0.930	0.791	—	1.069	0.046
		BS-360E <sup>8</sup>	1.02	0.87	—	1.18	0.05	BS-2000 <sup>18</sup>	0.912	0.776	—	1.048	0.045
		BS-380 <sup>9</sup>	1.04	0.88	—	1.19	0.05	BS-2800M <sup>19</sup>	0.920	0.781	—	1.059	0.046
CREA (SOX)	mmol/L	BS-120 <sup>1</sup>	5.79	4.92	—	6.66	0.29	BS-400 <sup>10</sup>	5.81	4.94	—	6.68	0.29
		BS-200 <sup>2</sup>	5.85	4.98	—	6.72	0.29	BS-430 <sup>11</sup>	5.80	4.93	—	6.67	0.29
		BS-200E <sup>3</sup>	5.83	4.96	—	6.70	0.29	BS-480 <sup>13</sup>	5.76	4.89	—	6.63	0.29
		BS-240 <sup>4</sup>	5.84	4.97	—	6.71	0.29	BS-600 <sup>14</sup>	5.74	4.87	—	6.61	0.29
		BS-240E <sup>5</sup>	5.62	4.78	—	6.46	0.28	BS-600M <sup>15</sup>	5.68	4.84	—	6.52	0.28
		BS-300 <sup>6</sup>	5.96	5.06	—	6.86	0.30	BS-620M <sup>16</sup>	5.68	4.84	—	6.52	0.28
		BS-330E <sup>7</sup>	5.83	4.96	—	6.70	0.29	BS-800 <sup>17</sup>	5.78	4.91	—	6.65	0.29
		BS-360E <sup>8</sup>	5.59	4.75	—	6.43	0.28	BS-2000 <sup>18</sup>	5.78	4.91	—	6.65	0.29

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
Glu (GOD)	mg/dL	BS-380 <sup>9</sup>	5.76	4.89	—	6.63	0.29	BS-2800M <sup>19</sup>	5.68	4.84	—	6.52	0.28
		BS-120 <sup>1</sup>	104	89	—	120	5	BS-400 <sup>10</sup>	105	89	—	120	5
		BS-200 <sup>2</sup>	105	90	—	121	5	BS-430 <sup>11</sup>	105	89	—	120	5
		BS-200E <sup>3</sup>	105	89	—	121	5	BS-480 <sup>13</sup>	104	88	—	119	5
		BS-240 <sup>4</sup>	105	90	—	121	5	BS-600 <sup>14</sup>	103	88	—	119	5
		BS-240E <sup>5</sup>	101	86	—	116	5	BS-600M <sup>15</sup>	102	87	—	117	5
		BS-300 <sup>6</sup>	107	91	—	124	5	BS-620M <sup>16</sup>	102	87	—	117	5
		BS-330E <sup>7</sup>	105	89	—	121	5	BS-800 <sup>17</sup>	104	88	—	120	5
		BS-360E <sup>8</sup>	101	86	—	116	5	BS-2000 <sup>18</sup>	104	88	—	120	5
		BS-380 <sup>9</sup>	104	88	—	119	5	BS-2800M <sup>19</sup>	102	87	—	117	5
Glu (HK)	mmol/L	BS-120 <sup>1</sup>	5.78	4.91	—	6.65	0.29	BS-400 <sup>10</sup>	5.87	5.00	—	6.74	0.29
		BS-200 <sup>2</sup>	5.71	4.84	—	6.58	0.29	BS-430 <sup>11</sup>	5.80	4.93	—	6.67	0.29
		BS-200E <sup>3</sup>	5.77	4.90	—	6.64	0.29	BS-480 <sup>13</sup>	5.78	4.91	—	6.65	0.29
		BS-240 <sup>4</sup>	5.83	4.96	—	6.70	0.29	BS-600 <sup>14</sup>	5.75	4.88	—	6.62	0.29
		BS-240E <sup>5</sup>	5.69	4.85	—	6.53	0.28	BS-600M <sup>15</sup>	5.82	4.95	—	6.69	0.29
		BS-300 <sup>6</sup>	5.76	4.89	—	6.63	0.29	BS-620M <sup>16</sup>	5.82	4.95	—	6.69	0.29
		BS-330E <sup>7</sup>	5.77	4.90	—	6.64	0.29	BS-800 <sup>17</sup>	5.80	4.93	—	6.67	0.29
		BS-360E <sup>8</sup>	5.82	4.95	—	6.69	0.29	BS-2000 <sup>18</sup>	5.77	4.90	—	6.64	0.29
		BS-380 <sup>9</sup>	5.87	5.00	—	6.74	0.29	BS-2800M <sup>19</sup>	5.76	4.89	—	6.63	0.29
		GGT	U/L	BS-120 <sup>1</sup>	104	88	—	120	5	BS-400 <sup>10</sup>	106	90	—
BS-200 <sup>2</sup>	103			87	—	119	5	BS-430 <sup>11</sup>	105	89	—	120	5
BS-200E <sup>3</sup>	104			88	—	120	5	BS-480 <sup>13</sup>	104	88	—	120	5
BS-240 <sup>4</sup>	105			89	—	121	5	BS-600 <sup>14</sup>	104	88	—	119	5
BS-240E <sup>5</sup>	103			87	—	118	5	BS-600M <sup>15</sup>	105	89	—	121	5
BS-300 <sup>6</sup>	104			88	—	119	5	BS-620M <sup>16</sup>	105	89	—	121	5
BS-330E <sup>7</sup>	104			88	—	120	5	BS-800 <sup>17</sup>	105	89	—	120	5
BS-360E <sup>8</sup>	105			89	—	121	5	BS-2000 <sup>18</sup>	104	88	—	120	5
BS-380 <sup>9</sup>	106			90	—	121	5	BS-2800M <sup>19</sup>	104	88	—	119	5
α-HBDH	U/L			BS-120 <sup>1</sup>	47.4	40.2	—	54.6	2.4	BS-400 <sup>10</sup>	48.5	41.3	—
		BS-200 <sup>2</sup>	47.4	40.2	—	54.6	2.4	BS-430 <sup>11</sup>	48.7	41.5	—	55.9	2.4
		BS-200E <sup>3</sup>	49.1	41.6	—	56.6	2.5	BS-480 <sup>13</sup>	48.7	41.5	—	55.9	2.4
		BS-240 <sup>4</sup>	48.4	41.2	—	55.6	2.4	BS-600 <sup>14</sup>	48.7	41.5	—	55.9	2.4
		BS-240E <sup>5</sup>	48.3	41.1	—	55.5	2.4	BS-600M <sup>15</sup>	49.0	41.5	—	56.5	2.5
		BS-300 <sup>6</sup>	48.5	41.3	—	55.7	2.4	BS-620M <sup>16</sup>	49.0	41.5	—	56.5	2.5
		BS-330E <sup>7</sup>	49.1	41.6	—	56.6	2.5	BS-800 <sup>17</sup>	48.7	41.5	—	55.9	2.4
		BS-360E <sup>8</sup>	48.8	41.6	—	56.0	2.4	BS-2000 <sup>18</sup>	48.6	41.4	—	55.8	2.4
		BS-380 <sup>9</sup>	48.5	41.3	—	55.7	2.4	BS-2800M <sup>19</sup>	49.0	41.5	—	56.5	2.5
		α-HBDH	μkat/L	BS-120 <sup>1</sup>	0.792	0.671	—	0.912	0.040	BS-400 <sup>10</sup>	0.810	0.690	—
BS-200 <sup>2</sup>	0.792			0.671	—	0.912	0.040	BS-430 <sup>11</sup>	0.813	0.693	—	0.934	0.040
BS-200E <sup>3</sup>	0.820			0.695	—	0.945	0.042	BS-480 <sup>13</sup>	0.813	0.693	—	0.934	0.040
BS-240 <sup>4</sup>	0.808			0.688	—	0.929	0.040	BS-600 <sup>14</sup>	0.813	0.693	—	0.934	0.040
BS-240E <sup>5</sup>	0.807			0.686	—	0.927	0.040	BS-600M <sup>15</sup>	0.818	0.693	—	0.944	0.042
BS-300 <sup>6</sup>	0.810			0.690	—	0.930	0.040	BS-620M <sup>16</sup>	0.818	0.693	—	0.944	0.042
BS-330E <sup>7</sup>	0.820			0.695	—	0.945	0.042	BS-800 <sup>17</sup>	0.813	0.693	—	0.934	0.040
BS-360E <sup>8</sup>	0.815			0.695	—	0.935	0.040	BS-2000 <sup>18</sup>	0.812	0.691	—	0.932	0.040
BS-380 <sup>9</sup>	0.810			0.690	—	0.930	0.040	BS-2800M <sup>19</sup>	0.818	0.693	—	0.944	0.042
α-HBDH	U/L			BS-120 <sup>1</sup>	173	146	—	200	9	BS-400 <sup>10</sup>	173	146	—
		BS-200 <sup>2</sup>	171	144	—	198	9	BS-430 <sup>11</sup>	173	146	—	200	9
		BS-200E <sup>3</sup>	173	146	—	200	9	BS-480 <sup>13</sup>	173	146	—	200	9
		BS-240 <sup>4</sup>	174	147	—	201	9	BS-600 <sup>14</sup>	173	146	—	200	9
		BS-240E <sup>5</sup>	173	146	—	200	9	BS-600M <sup>15</sup>	176	149	—	203	9
		BS-300 <sup>6</sup>	173	146	—	200	9	BS-620M <sup>16</sup>	176	149	—	203	9
		BS-330E <sup>7</sup>	173	146	—	200	9	BS-800 <sup>17</sup>	173	146	—	200	9
		BS-360E <sup>8</sup>	173	146	—	200	9	BS-2000 <sup>18</sup>	175	148	—	202	9
		BS-380 <sup>9</sup>	173	146	—	200	9	BS-2800M <sup>19</sup>	176	149	—	203	9
		BS-120 <sup>1</sup>	2.89	2.44	—	3.34	0.15	BS-400 <sup>10</sup>	2.89	2.44	—	3.34	0.15



Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
ApoA1	μkat/L	BS-200 <sup>2</sup>	2.86	2.40	—	3.31	0.15	BS-430 <sup>11</sup>	2.89	2.44	—	3.34	0.15
		BS-200E <sup>3</sup>	2.89	2.44	—	3.34	0.15	BS-480 <sup>13</sup>	2.89	2.44	—	3.34	0.15
		BS-240 <sup>4</sup>	2.91	2.45	—	3.36	0.15	BS-600 <sup>14</sup>	2.89	2.44	—	3.34	0.15
		BS-240E <sup>5</sup>	2.89	2.44	—	3.34	0.15	BS-600M <sup>15</sup>	2.94	2.49	—	3.39	0.15
		BS-300 <sup>6</sup>	2.89	2.44	—	3.34	0.15	BS-620M <sup>16</sup>	2.94	2.49	—	3.39	0.15
		BS-330E <sup>7</sup>	2.89	2.44	—	3.34	0.15	BS-800 <sup>17</sup>	2.89	2.44	—	3.34	0.15
		BS-360E <sup>8</sup>	2.89	2.44	—	3.34	0.15	BS-2000 <sup>18</sup>	2.92	2.47	—	3.37	0.15
		BS-380 <sup>9</sup>	2.89	2.44	—	3.34	0.15	BS-2800M <sup>19</sup>	2.94	2.49	—	3.39	0.15
		ApoA1	g/L	BS-120 <sup>1</sup>	1.34	1.04	—	1.64	0.10	BS-400 <sup>10</sup>	1.29	0.99	—
BS-200 <sup>2</sup>	1.34			1.04	—	1.64	0.10	BS-430 <sup>11</sup>	1.24	0.97	—	1.51	0.09
BS-200E <sup>3</sup>	1.32			1.02	—	1.62	0.10	BS-480 <sup>13</sup>	1.27	0.97	—	1.57	0.10
BS-240 <sup>4</sup>	1.26			0.99	—	1.53	0.09	BS-600 <sup>14</sup>	1.28	0.98	—	1.58	0.10
BS-240E <sup>5</sup>	1.25			0.98	—	1.52	0.09	BS-600M <sup>15</sup>	1.22	0.95	—	1.49	0.09
BS-300 <sup>6</sup>	1.32			1.02	—	1.62	0.10	BS-620M <sup>16</sup>	1.22	0.95	—	1.49	0.09
BS-330E <sup>7</sup>	1.32			1.02	—	1.62	0.10	BS-800 <sup>17</sup>	1.23	0.96	—	1.50	0.09
BS-360E <sup>8</sup>	1.26			0.99	—	1.53	0.09	BS-2000 <sup>18</sup>	1.26	0.99	—	1.53	0.09
BS-380 <sup>9</sup>	1.26			0.99	—	1.53	0.09	BS-2800M <sup>19</sup>	1.22	0.95	—	1.49	0.09
ApoB	μmol/L	BS-120 <sup>1</sup>	47.8	37.1	—	58.5	3.6	BS-400 <sup>10</sup>	46.1	35.3	—	56.8	3.6
		BS-200 <sup>2</sup>	47.8	37.1	—	58.5	3.6	BS-430 <sup>11</sup>	44.3	34.6	—	53.9	3.2
		BS-200E <sup>3</sup>	47.1	36.4	—	57.8	3.6	BS-480 <sup>13</sup>	45.3	34.6	—	56.0	3.6
		BS-240 <sup>4</sup>	45.0	35.3	—	54.6	3.2	BS-600 <sup>14</sup>	45.7	35.0	—	56.4	3.6
		BS-240E <sup>5</sup>	44.6	35.0	—	54.3	3.2	BS-600M <sup>15</sup>	43.6	33.9	—	53.2	3.2
		BS-300 <sup>6</sup>	47.1	36.4	—	57.8	3.6	BS-620M <sup>16</sup>	43.6	33.9	—	53.2	3.2
		BS-330E <sup>7</sup>	47.1	36.4	—	57.8	3.6	BS-800 <sup>17</sup>	43.9	34.3	—	53.6	3.2
		BS-360E <sup>8</sup>	45.0	35.3	—	54.6	3.2	BS-2000 <sup>18</sup>	45.0	35.3	—	54.6	3.2
		BS-380 <sup>9</sup>	45.0	35.3	—	54.6	3.2	BS-2800M <sup>19</sup>	43.6	33.9	—	53.2	3.2
ApoB	g/L	BS-120 <sup>1</sup>	0.549	0.426	—	0.672	0.041	BS-400 <sup>10</sup>	0.549	0.426	—	0.672	0.041
		BS-200 <sup>2</sup>	0.570	0.441	—	0.699	0.043	BS-430 <sup>11</sup>	0.559	0.433	—	0.685	0.042
		BS-200E <sup>3</sup>	0.562	0.436	—	0.688	0.042	BS-480 <sup>13</sup>	0.557	0.431	—	0.683	0.042
		BS-240 <sup>4</sup>	0.538	0.418	—	0.658	0.040	BS-600 <sup>14</sup>	0.525	0.408	—	0.642	0.039
		BS-240E <sup>5</sup>	0.564	0.438	—	0.690	0.042	BS-600M <sup>15</sup>	0.556	0.430	—	0.682	0.042
		BS-300 <sup>6</sup>	0.538	0.418	—	0.658	0.040	BS-620M <sup>16</sup>	0.556	0.430	—	0.682	0.042
		BS-330E <sup>7</sup>	0.562	0.436	—	0.688	0.042	BS-800 <sup>17</sup>	0.537	0.417	—	0.657	0.040
		BS-360E <sup>8</sup>	0.562	0.436	—	0.688	0.042	BS-2000 <sup>18</sup>	0.539	0.419	—	0.659	0.040
		BS-380 <sup>9</sup>	0.560	0.434	—	0.686	0.042	BS-2800M <sup>19</sup>	0.531	0.411	—	0.651	0.040
C3	g/L	BS-120 <sup>1</sup>	1.07	0.83	—	1.31	0.08	BS-400 <sup>10</sup>	1.07	0.83	—	1.31	0.08
		BS-200 <sup>2</sup>	1.11	0.86	—	1.36	0.08	BS-430 <sup>11</sup>	1.09	0.84	—	1.34	0.08
		BS-200E <sup>3</sup>	1.10	0.85	—	1.34	0.08	BS-480 <sup>13</sup>	1.09	0.84	—	1.33	0.08
		BS-240 <sup>4</sup>	1.05	0.82	—	1.28	0.08	BS-600 <sup>14</sup>	1.02	0.80	—	1.25	0.08
		BS-240E <sup>5</sup>	1.10	0.85	—	1.35	0.08	BS-600M <sup>15</sup>	1.08	0.84	—	1.33	0.08
		BS-300 <sup>6</sup>	1.05	0.82	—	1.28	0.08	BS-620M <sup>16</sup>	1.08	0.84	—	1.33	0.08
		BS-330E <sup>7</sup>	1.10	0.85	—	1.34	0.08	BS-800 <sup>17</sup>	1.05	0.81	—	1.28	0.08
		BS-360E <sup>8</sup>	1.10	0.85	—	1.34	0.08	BS-2000 <sup>18</sup>	1.05	0.82	—	1.29	0.08
		BS-380 <sup>9</sup>	1.09	0.85	—	1.34	0.08	BS-2800M <sup>19</sup>	1.04	0.80	—	1.27	0.08
C3	g/L	BS-120 <sup>1</sup>	0.989	0.788	—	1.190	0.067	BS-400 <sup>10</sup>	1.01	0.80	—	1.22	0.07
		BS-200 <sup>2</sup>	1.01	0.80	—	1.22	0.07	BS-430 <sup>11</sup>	1.00	0.79	—	1.21	0.07
		BS-200E <sup>3</sup>	0.993	0.792	—	1.194	0.067	BS-480 <sup>13</sup>	0.983	0.785	—	1.181	0.066
		BS-240 <sup>4</sup>	0.948	0.756	—	1.140	0.064	BS-600 <sup>14</sup>	0.984	0.786	—	1.182	0.066
		BS-240E <sup>5</sup>	0.973	0.775	—	1.171	0.066	BS-600M <sup>15</sup>	0.983	0.785	—	1.181	0.066
		BS-300 <sup>6</sup>	0.993	0.792	—	1.194	0.067	BS-620M <sup>16</sup>	0.983	0.785	—	1.181	0.066
		BS-330E <sup>7</sup>	0.993	0.792	—	1.194	0.067	BS-800 <sup>17</sup>	0.985	0.787	—	1.183	0.066
		BS-360E <sup>8</sup>	0.998	0.797	—	1.199	0.067	BS-2000 <sup>18</sup>	1.01	0.80	—	1.22	0.07
		BS-380 <sup>9</sup>	1.01	0.80	—	1.22	0.07	BS-2800M <sup>19</sup>	0.991	0.790	—	1.192	0.067
C3	g/L	BS-120 <sup>1</sup>	0.169	0.136	—	0.202	0.011	BS-400 <sup>10</sup>	0.168	0.135	—	0.201	0.011
		BS-200 <sup>2</sup>	0.159	0.126	—	0.192	0.011	BS-430 <sup>11</sup>	0.164	0.131	—	0.197	0.011
		BS-200E <sup>3</sup>	0.158	0.125	—	0.191	0.011	BS-480 <sup>13</sup>	0.160	0.127	—	0.193	0.011

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Assay Value	Range(Assay Value±3SD)	1 SD		
<b>C4</b>	g/L	BS-240 <sup>4</sup>	0.165	0.132 — 0.198	0.011	BS-600 <sup>14</sup>	0.161	0.128 — 0.194	0.011		
		BS-240E <sup>5</sup>	0.158	0.125 — 0.191	0.011	BS-600M <sup>15</sup>	0.164	0.131 — 0.197	0.011		
		BS-300 <sup>6</sup>	0.166	0.133 — 0.199	0.011	BS-620M <sup>16</sup>	0.164	0.131 — 0.197	0.011		
		BS-330E <sup>7</sup>	0.158	0.125 — 0.191	0.011	BS-800 <sup>17</sup>	0.160	0.127 — 0.193	0.011		
		BS-360E <sup>8</sup>	0.162	0.129 — 0.195	0.011	BS-2000 <sup>18</sup>	0.159	0.126 — 0.192	0.011		
		BS-380 <sup>9</sup>	0.167	0.134 — 0.200	0.011	BS-2800M <sup>19</sup>	0.164	0.131 — 0.197	0.011		
	μmol/L	BS-120 <sup>1</sup>	0.845	0.680 — 1.010	0.055	BS-400 <sup>10</sup>	0.840	0.675 — 1.005	0.055		
		BS-200 <sup>2</sup>	0.795	0.630 — 0.960	0.055	BS-430 <sup>11</sup>	0.820	0.655 — 0.985	0.055		
		BS-200E <sup>3</sup>	0.790	0.625 — 0.955	0.055	BS-480 <sup>13</sup>	0.800	0.635 — 0.965	0.055		
		BS-240 <sup>4</sup>	0.825	0.660 — 0.990	0.055	BS-600 <sup>14</sup>	0.805	0.640 — 0.970	0.055		
		BS-240E <sup>5</sup>	0.790	0.625 — 0.955	0.055	BS-600M <sup>15</sup>	0.820	0.655 — 0.985	0.055		
		BS-300 <sup>6</sup>	0.830	0.665 — 0.995	0.055	BS-620M <sup>16</sup>	0.820	0.655 — 0.985	0.055		
		BS-330E <sup>7</sup>	0.790	0.625 — 0.955	0.055	BS-800 <sup>17</sup>	0.800	0.635 — 0.965	0.055		
		BS-360E <sup>8</sup>	0.810	0.645 — 0.975	0.055	BS-2000 <sup>18</sup>	0.795	0.630 — 0.960	0.055		
		BS-380 <sup>9</sup>	0.835	0.670 — 1.000	0.055	BS-2800M <sup>19</sup>	0.820	0.655 — 0.985	0.055		
		<b>CRP II</b>	mg/L	BS-120 <sup>1</sup>	5.67	3.96 — 7.38	0.57	BS-400 <sup>10</sup>	5.92	4.15 — 7.69	0.59
				BS-200 <sup>2</sup>	5.91	4.14 — 7.68	0.59	BS-430 <sup>11</sup>	5.83	4.09 — 7.57	0.58
				BS-200E <sup>3</sup>	6.25	4.36 — 8.14	0.63	BS-480 <sup>13</sup>	5.99	4.19 — 7.79	0.60
BS-240 <sup>4</sup>	6.15			4.29 — 8.01	0.62	BS-600 <sup>14</sup>	5.89	4.12 — 7.66	0.59		
BS-240E <sup>5</sup>	5.70			3.99 — 7.41	0.57	BS-600M <sup>15</sup>	6.02	4.22 — 7.82	0.60		
BS-300 <sup>6</sup>	5.87			4.10 — 7.64	0.59	BS-620M <sup>16</sup>	6.02	4.22 — 7.82	0.60		
BS-330E <sup>7</sup>	6.25			4.36 — 8.14	0.63	BS-800 <sup>17</sup>	6.02	4.22 — 7.82	0.60		
BS-360E <sup>8</sup>	6.02			4.22 — 7.82	0.60	BS-2000 <sup>18</sup>	5.95	4.15 — 7.75	0.60		
BS-380 <sup>9</sup>	5.99			4.19 — 7.79	0.60						
nmol/L	BS-120 <sup>1</sup>		54.0	37.7 — 70.3	5.4	BS-400 <sup>10</sup>	56.4	39.5 — 73.2	5.6		
	BS-200 <sup>2</sup>		56.3	39.4 — 73.1	5.6	BS-430 <sup>11</sup>	55.5	38.9 — 72.1	5.5		
	BS-200E <sup>3</sup>		59.5	41.5 — 77.5	6.0	BS-480 <sup>13</sup>	57.0	39.9 — 74.2	5.7		
	BS-240 <sup>4</sup>		58.5	40.8 — 76.3	5.9	BS-600 <sup>14</sup>	56.1	39.2 — 72.9	5.6		
	BS-240E <sup>5</sup>		54.3	38.0 — 70.5	5.4	BS-600M <sup>15</sup>	57.3	40.2 — 74.4	5.7		
	BS-300 <sup>6</sup>		55.9	39.0 — 72.7	5.6	BS-620M <sup>16</sup>	57.3	40.2 — 74.4	5.7		
	BS-330E <sup>7</sup>		59.5	41.5 — 77.5	6.0	BS-800 <sup>17</sup>	57.3	40.2 — 74.4	5.7		
	BS-360E <sup>8</sup>		57.3	40.2 — 74.4	5.7	BS-2000 <sup>18</sup>	56.6	39.5 — 73.8	5.7		
	BS-380 <sup>9</sup>		57.0	39.9 — 74.2	5.7						
<b>IgA II</b>	g/L	BS-200 <sup>2</sup>	1.68	1.29 — 2.07	0.13	BS-430 <sup>11</sup>	1.68	1.29 — 2.07	0.13		
		BS-200E <sup>3</sup>	1.62	1.26 — 1.98	0.12	BS-480 <sup>13</sup>	1.64	1.28 — 2.00	0.12		
		BS-240 <sup>4</sup>	1.64	1.28 — 2.00	0.12	BS-600 <sup>14</sup>	1.61	1.25 — 1.97	0.12		
		BS-240E <sup>5</sup>	1.62	1.26 — 1.98	0.12	BS-600M <sup>15</sup>	1.59	1.23 — 1.95	0.12		
		BS-330E <sup>7</sup>	1.62	1.26 — 1.98	0.12	BS-620M <sup>16</sup>	1.59	1.23 — 1.95	0.12		
		BS-360E <sup>8</sup>	1.63	1.27 — 1.99	0.12	BS-800 <sup>17</sup>	1.63	1.27 — 1.99	0.12		
		BS-380 <sup>9</sup>	1.63	1.27 — 1.99	0.12	BS-2000 <sup>18</sup>	1.65	1.29 — 2.01	0.12		
		BS-400 <sup>10</sup>	1.63	1.27 — 1.99	0.12	BS-2800M <sup>19</sup>	1.66	1.30 — 2.02	0.12		
		μmol/L	BS-200 <sup>2</sup>	10.5	8.1 — 12.9	0.8	BS-430 <sup>11</sup>	10.5	8.1 — 12.9	0.8	
	BS-200E <sup>3</sup>		10.1	7.9 — 12.4	0.8	BS-480 <sup>13</sup>	10.3	8.0 — 12.5	0.8		
	BS-240 <sup>4</sup>		10.3	8.0 — 12.5	0.8	BS-600 <sup>14</sup>	10.1	7.8 — 12.3	0.8		
	BS-240E <sup>5</sup>		10.1	7.9 — 12.4	0.8	BS-600M <sup>15</sup>	9.94	7.69 — 12.19	0.75		
	BS-330E <sup>7</sup>		10.1	7.9 — 12.4	0.8	BS-620M <sup>16</sup>	9.94	7.69 — 12.19	0.75		
	BS-360E <sup>8</sup>		10.2	7.9 — 12.4	0.8	BS-800 <sup>17</sup>	10.2	7.9 — 12.4	0.8		
	BS-380 <sup>9</sup>		10.2	7.9 — 12.4	0.8	BS-2000 <sup>18</sup>	10.3	8.1 — 12.6	0.8		
	BS-400 <sup>10</sup>		10.2	7.9 — 12.4	0.8	BS-2800M <sup>19</sup>	10.4	8.1 — 12.6	0.8		
	g/L		BS-120 <sup>1</sup>	8.37	6.48 — 10.26	0.63	BS-400 <sup>10</sup>	7.89	6.12 — 9.66	0.59	
		BS-200 <sup>2</sup>	8.33	6.47 — 10.19	0.62	BS-430 <sup>11</sup>	7.76	6.02 — 9.50	0.58		
BS-200E <sup>3</sup>		7.36	5.71 — 9.01	0.55	BS-480 <sup>13</sup>	7.73	5.99 — 9.47	0.58			
BS-240 <sup>4</sup>		8.18	6.35 — 10.01	0.61	BS-600 <sup>14</sup>	7.76	6.02 — 9.50	0.58			
BS-240E <sup>5</sup>		7.76	6.02 — 9.50	0.58	BS-600M <sup>15</sup>	7.73	5.99 — 9.47	0.58			
BS-300 <sup>6</sup>		7.89	6.12 — 9.66	0.59	BS-620M <sup>16</sup>	7.73	5.99 — 9.47	0.58			
BS-330E <sup>7</sup>		7.36	5.71 — 9.01	0.55	BS-800 <sup>17</sup>	7.76	6.02 — 9.50	0.58			

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-360E <sup>8</sup>	7.64	5.93	—	9.35	0.57	BS-2000 <sup>18</sup>	7.88	6.11	—	9.65	0.59		
		BS-380 <sup>9</sup>	7.89	6.12	—	9.66	0.59	BS-2800M <sup>19</sup>	7.73	5.99	—	9.47	0.58		
		BS-120 <sup>1</sup>	55.8	43.2	—	68.4	4.2	BS-400 <sup>10</sup>	52.6	40.8	—	64.4	3.9		
		BS-200 <sup>2</sup>	55.6	43.2	—	68.0	4.1	BS-430 <sup>11</sup>	51.8	40.2	—	63.4	3.9		
		BS-200E <sup>3</sup>	49.1	38.1	—	60.1	3.7	BS-480 <sup>13</sup>	51.6	40.0	—	63.2	3.9		
		BS-240 <sup>4</sup>	54.6	42.4	—	66.8	4.1	BS-600 <sup>14</sup>	51.8	40.2	—	63.4	3.9		
		BS-240E <sup>5</sup>	51.8	40.2	—	63.4	3.9	BS-600M <sup>15</sup>	51.6	40.0	—	63.2	3.9		
		BS-300 <sup>6</sup>	52.6	40.8	—	64.4	3.9	BS-620M <sup>16</sup>	51.6	40.0	—	63.2	3.9		
		BS-330E <sup>7</sup>	49.1	38.1	—	60.1	3.7	BS-800 <sup>17</sup>	51.8	40.2	—	63.4	3.9		
		BS-360E <sup>8</sup>	51.0	39.6	—	62.4	3.8	BS-2000 <sup>18</sup>	52.6	40.8	—	64.4	3.9		
BS-380 <sup>9</sup>	52.6	40.8	—	64.4	3.9	BS-2800M <sup>19</sup>	51.6	40.0	—	63.2	3.9				
IgM	g/L	BS-120 <sup>1</sup>	0.775	0.601	—	0.949	0.058	BS-400 <sup>10</sup>	0.720	0.558	—	0.882	0.054		
		BS-200 <sup>2</sup>	0.709	0.550	—	0.868	0.053	BS-430 <sup>11</sup>	0.742	0.574	—	0.910	0.056		
		BS-200E <sup>3</sup>	0.721	0.559	—	0.883	0.054	BS-480 <sup>13</sup>	0.740	0.572	—	0.908	0.056		
		BS-240 <sup>4</sup>	0.733	0.568	—	0.898	0.055	BS-600 <sup>14</sup>	0.716	0.554	—	0.878	0.054		
		BS-240E <sup>5</sup>	0.725	0.563	—	0.887	0.054	BS-600M <sup>15</sup>	0.746	0.578	—	0.914	0.056		
		BS-300 <sup>6</sup>	0.698	0.542	—	0.854	0.052	BS-620M <sup>16</sup>	0.746	0.578	—	0.914	0.056		
		BS-330E <sup>7</sup>	0.721	0.559	—	0.883	0.054	BS-800 <sup>17</sup>	0.733	0.568	—	0.898	0.055		
		BS-360E <sup>8</sup>	0.739	0.574	—	0.904	0.055	BS-2000 <sup>18</sup>	0.741	0.573	—	0.909	0.056		
		BS-380 <sup>9</sup>	0.722	0.560	—	0.884	0.054	BS-2800M <sup>19</sup>	0.746	0.578	—	0.914	0.056		
		BS-120 <sup>1</sup>	0.798	0.619	—	0.977	0.060	BS-400 <sup>10</sup>	0.742	0.575	—	0.908	0.056		
IgM	μmol/L	BS-200 <sup>2</sup>	0.730	0.567	—	0.894	0.055	BS-430 <sup>11</sup>	0.764	0.591	—	0.937	0.058		
		BS-200E <sup>3</sup>	0.743	0.576	—	0.909	0.056	BS-480 <sup>13</sup>	0.762	0.589	—	0.935	0.058		
		BS-240 <sup>4</sup>	0.755	0.585	—	0.925	0.057	BS-600 <sup>14</sup>	0.737	0.571	—	0.904	0.056		
		BS-240E <sup>5</sup>	0.747	0.580	—	0.914	0.056	BS-600M <sup>15</sup>	0.768	0.595	—	0.941	0.058		
		BS-300 <sup>6</sup>	0.719	0.558	—	0.880	0.054	BS-620M <sup>16</sup>	0.768	0.595	—	0.941	0.058		
		BS-330E <sup>7</sup>	0.743	0.576	—	0.909	0.056	BS-800 <sup>17</sup>	0.755	0.585	—	0.925	0.057		
		BS-360E <sup>8</sup>	0.761	0.591	—	0.931	0.057	BS-2000 <sup>18</sup>	0.763	0.590	—	0.936	0.058		
		BS-380 <sup>9</sup>	0.744	0.577	—	0.911	0.056	BS-2800M <sup>19</sup>	0.768	0.595	—	0.941	0.058		
		PA	mg/L	BS-120 <sup>1</sup>	163	127	—	199	12	BS-400 <sup>10</sup>	166	130	—	202	12
				BS-200 <sup>2</sup>	159	123	—	195	12	BS-430 <sup>11</sup>	169	130	—	208	13
BS-200E <sup>3</sup>	165			129	—	201	12	BS-480 <sup>13</sup>	166	130	—	202	12		
BS-240 <sup>4</sup>	160			124	—	196	12	BS-600 <sup>14</sup>	166	130	—	202	12		
BS-240E <sup>5</sup>	166			130	—	202	12	BS-600M <sup>15</sup>	161	125	—	197	12		
BS-300 <sup>6</sup>	167			128	—	206	13	BS-620M <sup>16</sup>	161	125	—	197	12		
BS-330E <sup>7</sup>	165			129	—	201	12	BS-800 <sup>17</sup>	166	130	—	202	12		
BS-360E <sup>8</sup>	166			130	—	202	12	BS-2000 <sup>18</sup>	168	129	—	207	13		
BS-380 <sup>9</sup>	166			130	—	202	12	BS-2800M <sup>19</sup>	172	133	—	211	13		
BS-120 <sup>1</sup>	2.97			2.31	—	3.62	0.22	BS-400 <sup>10</sup>	3.02	2.37	—	3.68	0.22		
PA	μmol/L	BS-200 <sup>2</sup>	2.89	2.24	—	3.55	0.22	BS-430 <sup>11</sup>	3.08	2.37	—	3.79	0.24		
		BS-200E <sup>3</sup>	3.00	2.35	—	3.66	0.22	BS-480 <sup>13</sup>	3.02	2.37	—	3.68	0.22		
		BS-240 <sup>4</sup>	2.91	2.26	—	3.57	0.22	BS-600 <sup>14</sup>	3.02	2.37	—	3.68	0.22		
		BS-240E <sup>5</sup>	3.02	2.37	—	3.68	0.22	BS-600M <sup>15</sup>	2.93	2.28	—	3.59	0.22		
		BS-300 <sup>6</sup>	3.04	2.33	—	3.75	0.24	BS-620M <sup>16</sup>	2.93	2.28	—	3.59	0.22		
		BS-330E <sup>7</sup>	3.00	2.35	—	3.66	0.22	BS-800 <sup>17</sup>	3.02	2.37	—	3.68	0.22		
		BS-360E <sup>8</sup>	3.02	2.37	—	3.68	0.22	BS-2000 <sup>18</sup>	3.06	2.35	—	3.77	0.24		
		BS-380 <sup>9</sup>	3.02	2.37	—	3.68	0.22	BS-2800M <sup>19</sup>	3.13	2.42	—	3.84	0.24		
		LDH	U/L	BS-120 <sup>1</sup>	167	143	—	191	8	BS-400 <sup>10</sup>	171	144	—	198	9
				BS-200 <sup>2</sup>	170	143	—	197	9	BS-430 <sup>11</sup>	170	143	—	197	9
BS-200E <sup>3</sup>	168			144	—	192	8	BS-480 <sup>13</sup>	170	143	—	197	9		
BS-240 <sup>4</sup>	166			142	—	190	8	BS-600 <sup>14</sup>	169	145	—	193	8		
BS-240E <sup>5</sup>	167			143	—	191	8	BS-600M <sup>15</sup>	166	142	—	190	8		
BS-300 <sup>6</sup>	172			145	—	199	9	BS-620M <sup>16</sup>	166	142	—	190	8		
BS-330E <sup>7</sup>	168			144	—	192	8	BS-800 <sup>17</sup>	167	143	—	191	8		
BS-360E <sup>8</sup>	166			142	—	190	8	BS-2000 <sup>18</sup>	167	143	—	191	8		
BS-380 <sup>9</sup>	169			145	—	193	8	BS-2800M <sup>19</sup>	166	142	—	190	8		

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>Mg I</b>	μkat/L	BS-120 <sup>1</sup>	2.79	2.39	—	3.19	0.13	BS-400 <sup>10</sup>	2.86	2.40	—	3.31	0.15
		BS-200 <sup>2</sup>	2.84	2.39	—	3.29	0.15	BS-430 <sup>11</sup>	2.84	2.39	—	3.29	0.15
		BS-200E <sup>3</sup>	2.81	2.40	—	3.21	0.13	BS-480 <sup>13</sup>	2.84	2.39	—	3.29	0.15
		BS-240 <sup>4</sup>	2.77	2.37	—	3.17	0.13	BS-600 <sup>14</sup>	2.82	2.42	—	3.22	0.13
		BS-240E <sup>5</sup>	2.79	2.39	—	3.19	0.13	BS-600M <sup>15</sup>	2.77	2.37	—	3.17	0.13
		BS-300 <sup>6</sup>	2.87	2.42	—	3.32	0.15	BS-620M <sup>16</sup>	2.77	2.37	—	3.17	0.13
		BS-330E <sup>7</sup>	2.81	2.40	—	3.21	0.13	BS-800 <sup>17</sup>	2.79	2.39	—	3.19	0.13
		BS-360E <sup>8</sup>	2.77	2.37	—	3.17	0.13	BS-2000 <sup>18</sup>	2.79	2.39	—	3.19	0.13
		BS-380 <sup>9</sup>	2.82	2.42	—	3.22	0.13	BS-2800M <sup>19</sup>	2.77	2.37	—	3.17	0.13
<b>Mg II</b>	mmol/L	BS-120 <sup>1</sup>	0.858	0.756	—	0.960	0.034	BS-400 <sup>10</sup>	0.870	0.765	—	0.975	0.035
		BS-200 <sup>2</sup>	0.888	0.780	—	0.996	0.036	BS-430 <sup>11</sup>	0.855	0.753	—	0.957	0.034
		BS-200E <sup>3</sup>	0.870	0.765	—	0.975	0.035	BS-480 <sup>13</sup>	0.858	0.756	—	0.960	0.034
		BS-240 <sup>4</sup>	0.879	0.774	—	0.984	0.035	BS-600 <sup>14</sup>	0.856	0.754	—	0.958	0.034
		BS-240E <sup>5</sup>	0.851	0.749	—	0.953	0.034	BS-600M <sup>15</sup>	0.852	0.750	—	0.954	0.034
		BS-300 <sup>6</sup>	0.870	0.765	—	0.975	0.035	BS-620M <sup>16</sup>	0.852	0.750	—	0.954	0.034
		BS-330E <sup>7</sup>	0.870	0.765	—	0.975	0.035	BS-800 <sup>17</sup>	0.855	0.753	—	0.957	0.034
		BS-360E <sup>8</sup>	0.813	0.714	—	0.912	0.033	BS-2000 <sup>18</sup>	0.866	0.761	—	0.971	0.035
		BS-380 <sup>9</sup>	0.870	0.765	—	0.975	0.035	BS-2800M <sup>19</sup>	0.855	0.753	—	0.957	0.034
<b>P</b>	mg/dL	BS-120 <sup>1</sup>	2.08	1.84	—	2.33	0.08	BS-400 <sup>10</sup>	2.11	1.86	—	2.37	0.09
		BS-200 <sup>2</sup>	2.16	1.90	—	2.42	0.09	BS-430 <sup>11</sup>	2.08	1.83	—	2.33	0.08
		BS-200E <sup>3</sup>	2.11	1.86	—	2.37	0.09	BS-480 <sup>13</sup>	2.08	1.84	—	2.33	0.08
		BS-240 <sup>4</sup>	2.14	1.88	—	2.39	0.09	BS-600 <sup>14</sup>	2.08	1.83	—	2.33	0.08
		BS-240E <sup>5</sup>	2.07	1.82	—	2.32	0.08	BS-600M <sup>15</sup>	2.07	1.82	—	2.32	0.08
		BS-300 <sup>6</sup>	2.11	1.86	—	2.37	0.09	BS-620M <sup>16</sup>	2.07	1.82	—	2.32	0.08
		BS-330E <sup>7</sup>	2.11	1.86	—	2.37	0.09	BS-800 <sup>17</sup>	2.08	1.83	—	2.33	0.08
		BS-360E <sup>8</sup>	1.98	1.74	—	2.22	0.08	BS-2000 <sup>18</sup>	2.10	1.85	—	2.36	0.09
		BS-380 <sup>9</sup>	2.11	1.86	—	2.37	0.09	BS-2800M <sup>19</sup>	2.08	1.83	—	2.33	0.08
<b>P I</b>	mmol/L	BS-120 <sup>1</sup>	1.39	1.18	—	1.60	0.07	BS-400 <sup>10</sup>	1.38	1.17	—	1.59	0.07
		BS-200 <sup>2</sup>	1.39	1.18	—	1.60	0.07	BS-430 <sup>11</sup>	1.39	1.18	—	1.60	0.07
		BS-200E <sup>3</sup>	1.38	1.17	—	1.59	0.07	BS-480 <sup>13</sup>	1.36	1.15	—	1.57	0.07
		BS-240 <sup>4</sup>	1.36	1.15	—	1.57	0.07	BS-600 <sup>14</sup>	1.37	1.16	—	1.58	0.07
		BS-240E <sup>5</sup>	1.36	1.15	—	1.57	0.07	BS-600M <sup>15</sup>	1.40	1.19	—	1.61	0.07
		BS-300 <sup>6</sup>	1.36	1.15	—	1.57	0.07	BS-620M <sup>16</sup>	1.40	1.19	—	1.61	0.07
		BS-330E <sup>7</sup>	1.38	1.17	—	1.59	0.07	BS-800 <sup>17</sup>	1.38	1.17	—	1.59	0.07
		BS-360E <sup>8</sup>	1.32	1.11	—	1.53	0.07	BS-2000 <sup>18</sup>	1.39	1.18	—	1.60	0.07
		BS-380 <sup>9</sup>	1.38	1.17	—	1.59	0.07						
<b>P II</b>	mmol/L	BS-120 <sup>1</sup>	4.31	3.66	—	4.96	0.22	BS-400 <sup>10</sup>	4.28	3.63	—	4.93	0.22
		BS-200 <sup>2</sup>	4.31	3.66	—	4.96	0.22	BS-430 <sup>11</sup>	4.31	3.66	—	4.96	0.22
		BS-200E <sup>3</sup>	4.28	3.63	—	4.93	0.22	BS-480 <sup>13</sup>	4.22	3.57	—	4.87	0.22
		BS-240 <sup>4</sup>	4.22	3.57	—	4.87	0.22	BS-600 <sup>14</sup>	4.25	3.60	—	4.90	0.22
		BS-240E <sup>5</sup>	4.22	3.57	—	4.87	0.22	BS-600M <sup>15</sup>	4.34	3.69	—	4.99	0.22
		BS-300 <sup>6</sup>	4.22	3.57	—	4.87	0.22	BS-620M <sup>16</sup>	4.34	3.69	—	4.99	0.22
		BS-330E <sup>7</sup>	4.28	3.63	—	4.93	0.22	BS-800 <sup>17</sup>	4.28	3.63	—	4.93	0.22
		BS-360E <sup>8</sup>	4.09	3.44	—	4.74	0.22	BS-2000 <sup>18</sup>	4.31	3.66	—	4.96	0.22
		BS-380 <sup>9</sup>	4.28	3.63	—	4.93	0.22						
<b>P III</b>	mmol/L	BS-120 <sup>1</sup>	1.37	1.16	—	1.58	0.07	BS-400 <sup>10</sup>	1.36	1.15	—	1.57	0.07
		BS-200 <sup>2</sup>	1.35	1.14	—	1.56	0.07	BS-430 <sup>11</sup>	1.36	1.15	—	1.57	0.07
		BS-200E <sup>3</sup>	1.34	1.13	—	1.55	0.07	BS-480 <sup>13</sup>	1.36	1.15	—	1.57	0.07
		BS-240 <sup>4</sup>	1.35	1.14	—	1.56	0.07	BS-600 <sup>14</sup>	1.36	1.15	—	1.57	0.07
		BS-240E <sup>5</sup>	1.33	1.12	—	1.54	0.07	BS-600M <sup>15</sup>	1.36	1.15	—	1.57	0.07
		BS-300 <sup>6</sup>	1.36	1.15	—	1.57	0.07	BS-620M <sup>16</sup>	1.36	1.15	—	1.57	0.07
		BS-330E <sup>7</sup>	1.34	1.13	—	1.55	0.07	BS-800 <sup>17</sup>	1.36	1.15	—	1.57	0.07
		BS-360E <sup>8</sup>	1.32	1.11	—	1.53	0.07	BS-2000 <sup>18</sup>	1.36	1.15	—	1.57	0.07
		BS-380 <sup>9</sup>	1.34	1.13	—	1.55	0.07	BS-2800M <sup>19</sup>	1.36	1.15	—	1.57	0.07
<b>P IV</b>	mmol/L	BS-120 <sup>1</sup>	4.25	3.60	—	4.90	0.22	BS-400 <sup>10</sup>	4.22	3.57	—	4.87	0.22
		BS-200 <sup>2</sup>	4.19	3.53	—	4.84	0.22	BS-430 <sup>11</sup>	4.22	3.57	—	4.87	0.22

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
	mg/dL	BS-200E <sup>3</sup>	4.15	3.50	—	4.81	0.22	BS-480 <sup>13</sup>	4.22	3.57	—	4.87	0.22
		BS-240 <sup>4</sup>	4.19	3.53	—	4.84	0.22	BS-600 <sup>14</sup>	4.22	3.57	—	4.87	0.22
		BS-240E <sup>5</sup>	4.12	3.47	—	4.77	0.22	BS-600M <sup>15</sup>	4.22	3.57	—	4.87	0.22
		BS-300 <sup>6</sup>	4.22	3.57	—	4.87	0.22	BS-620M <sup>16</sup>	4.22	3.57	—	4.87	0.22
		BS-330E <sup>7</sup>	4.15	3.50	—	4.81	0.22	BS-800 <sup>17</sup>	4.22	3.57	—	4.87	0.22
		BS-360E <sup>8</sup>	4.09	3.44	—	4.74	0.22	BS-2000 <sup>18</sup>	4.22	3.57	—	4.87	0.22
		BS-380 <sup>9</sup>	4.15	3.50	—	4.81	0.22	BS-2800M <sup>19</sup>	4.22	3.57	—	4.87	0.22
		BS-120 <sup>1</sup>	52.9	45.1	—	60.7	2.6	BS-400 <sup>10</sup>	52.2	44.4	—	60.0	2.6
		BS-200 <sup>2</sup>	52.3	44.5	—	60.1	2.6	BS-430 <sup>11</sup>	51.6	43.8	—	59.4	2.6
TP	g/L	BS-200E <sup>3</sup>	52.1	44.3	—	59.9	2.6	BS-480 <sup>13</sup>	51.3	43.5	—	59.1	2.6
		BS-240 <sup>4</sup>	52.1	44.3	—	59.9	2.6	BS-600 <sup>14</sup>	51.6	43.8	—	59.4	2.6
		BS-240E <sup>5</sup>	52.6	44.8	—	60.4	2.6	BS-600M <sup>15</sup>	51.6	43.8	—	59.4	2.6
		BS-300 <sup>6</sup>	52.5	44.7	—	60.3	2.6	BS-620M <sup>16</sup>	51.6	43.8	—	59.4	2.6
		BS-330E <sup>7</sup>	52.1	44.3	—	59.9	2.6	BS-800 <sup>17</sup>	51.6	43.8	—	59.4	2.6
		BS-360E <sup>8</sup>	52.2	44.4	—	60.0	2.6	BS-2000 <sup>18</sup>	51.9	44.1	—	59.7	2.6
		BS-380 <sup>9</sup>	51.7	43.9	—	59.5	2.6						
		BS-120 <sup>1</sup>	52.1	44.3	—	59.9	2.6	BS-400 <sup>10</sup>	51.4	43.6	—	59.2	2.6
		BS-200 <sup>2</sup>	52.1	44.3	—	59.9	2.6	BS-430 <sup>11</sup>	51.9	44.1	—	59.7	2.6
TP II	g/L	BS-200E <sup>3</sup>	51.9	44.1	—	59.7	2.6	BS-480 <sup>13</sup>	51.3	43.5	—	59.1	2.6
		BS-240 <sup>4</sup>	51.8	44.0	—	59.6	2.6	BS-600 <sup>14</sup>	51.9	44.1	—	59.7	2.6
		BS-240E <sup>5</sup>	51.1	43.3	—	58.9	2.6	BS-600M <sup>15</sup>	51.7	43.9	—	59.5	2.6
		BS-300 <sup>6</sup>	52.1	44.3	—	59.9	2.6	BS-620M <sup>16</sup>	51.7	43.9	—	59.5	2.6
		BS-330E <sup>7</sup>	51.9	44.1	—	59.7	2.6	BS-800 <sup>17</sup>	51.9	44.1	—	59.7	2.6
		BS-360E <sup>8</sup>	51.6	43.8	—	59.4	2.6	BS-2000 <sup>18</sup>	51.5	43.7	—	59.3	2.6
		BS-380 <sup>9</sup>	51.4	43.6	—	59.2	2.6	BS-2800M <sup>19</sup>	51.0	43.2	—	58.8	2.6
		BS-120 <sup>1</sup>	1.32	1.14	—	1.50	0.06	BS-400 <sup>10</sup>	1.27	1.09	—	1.45	0.06
		BS-200 <sup>2</sup>	1.28	1.10	—	1.46	0.06	BS-430 <sup>11</sup>	1.30	1.12	—	1.48	0.06
TG	mmol/L	BS-200E <sup>3</sup>	1.29	1.11	—	1.47	0.06	BS-480 <sup>13</sup>	1.26	1.08	—	1.44	0.06
		BS-240 <sup>4</sup>	1.28	1.10	—	1.46	0.06	BS-600 <sup>14</sup>	1.28	1.10	—	1.46	0.06
		BS-240E <sup>5</sup>	1.26	1.08	—	1.44	0.06	BS-600M <sup>15</sup>	1.29	1.11	—	1.47	0.06
		BS-300 <sup>6</sup>	1.26	1.08	—	1.44	0.06	BS-620M <sup>16</sup>	1.29	1.11	—	1.47	0.06
		BS-330E <sup>7</sup>	1.29	1.11	—	1.47	0.06	BS-800 <sup>17</sup>	1.30	1.12	—	1.48	0.06
		BS-360E <sup>8</sup>	1.25	1.07	—	1.43	0.06	BS-2000 <sup>18</sup>	1.30	1.12	—	1.48	0.06
		BS-380 <sup>9</sup>	1.28	1.10	—	1.46	0.06	BS-2800M <sup>19</sup>	1.29	1.11	—	1.47	0.06
		BS-120 <sup>1</sup>	117	101	—	133	5	BS-400 <sup>10</sup>	112	96	—	128	5
		BS-200 <sup>2</sup>	113	97	—	129	5	BS-430 <sup>11</sup>	115	99	—	131	5
	mg/dL	BS-200E <sup>3</sup>	114	98	—	130	5	BS-480 <sup>13</sup>	112	96	—	127	5
		BS-240 <sup>4</sup>	113	97	—	129	5	BS-600 <sup>14</sup>	113	97	—	129	5
		BS-240E <sup>5</sup>	112	96	—	127	5	BS-600M <sup>15</sup>	114	98	—	130	5
		BS-300 <sup>6</sup>	112	96	—	127	5	BS-620M <sup>16</sup>	114	98	—	130	5
		BS-330E <sup>7</sup>	114	98	—	130	5	BS-800 <sup>17</sup>	115	99	—	131	5
		BS-360E <sup>8</sup>	111	95	—	127	5	BS-2000 <sup>18</sup>	115	99	—	131	5
		BS-380 <sup>9</sup>	113	97	—	129	5	BS-2800M <sup>19</sup>	114	98	—	130	5
		BS-120 <sup>1</sup>	314	272	—	356	14	BS-400 <sup>10</sup>	320	278	—	362	14
		BS-200 <sup>2</sup>	308	266	—	350	14	BS-430 <sup>11</sup>	317	275	—	359	14
UA	μmol/L	BS-200E <sup>3</sup>	320	278	—	362	14	BS-480 <sup>13</sup>	317	275	—	359	14
		BS-240 <sup>4</sup>	311	269	—	353	14	BS-600 <sup>14</sup>	317	275	—	359	14
		BS-240E <sup>5</sup>	317	275	—	359	14	BS-600M <sup>15</sup>	318	276	—	360	14
		BS-300 <sup>6</sup>	320	278	—	362	14	BS-620M <sup>16</sup>	318	276	—	360	14
		BS-330E <sup>7</sup>	320	278	—	362	14	BS-800 <sup>17</sup>	317	275	—	359	14
		BS-360E <sup>8</sup>	310	268	—	352	14	BS-2000 <sup>18</sup>	321	279	—	363	14
		BS-380 <sup>9</sup>	320	278	—	362	14	BS-2800M <sup>19</sup>	318	276	—	360	14
		BS-120 <sup>1</sup>	5.28	4.57	—	5.98	0.24	BS-400 <sup>10</sup>	5.38	4.67	—	6.08	0.24
		BS-200 <sup>2</sup>	5.18	4.47	—	5.88	0.24	BS-430 <sup>11</sup>	5.33	4.62	—	6.03	0.24
		BS-200E <sup>3</sup>	5.38	4.67	—	6.08	0.24	BS-480 <sup>13</sup>	5.33	4.62	—	6.03	0.24
		BS-240 <sup>4</sup>	5.23	4.52	—	5.93	0.24	BS-600 <sup>14</sup>	5.33	4.62	—	6.03	0.24

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-240E <sup>5</sup>	5.33	4.62	—	6.03	0.24	BS-600M <sup>15</sup>	5.34	4.64	—	6.05	0.24
		BS-300 <sup>6</sup>	5.38	4.67	—	6.08	0.24	BS-620M <sup>16</sup>	5.34	4.64	—	6.05	0.24
		BS-330E <sup>7</sup>	5.38	4.67	—	6.08	0.24	BS-800 <sup>17</sup>	5.33	4.62	—	6.03	0.24
		BS-360E <sup>8</sup>	5.21	4.50	—	5.92	0.24	BS-2000 <sup>18</sup>	5.39	4.69	—	6.10	0.24
		BS-380 <sup>9</sup>	5.38	4.67	—	6.08	0.24	BS-2800M <sup>19</sup>	5.34	4.64	—	6.05	0.24
	mmol/L	BS-120 <sup>1</sup>	7.01	5.96	—	8.06	0.35	BS-400 <sup>10</sup>	6.93	5.88	—	7.98	0.35
		BS-200 <sup>2</sup>	7.01	5.96	—	8.06	0.35	BS-430 <sup>11</sup>	7.01	5.96	—	8.06	0.35
		BS-200E <sup>3</sup>	6.92	5.87	—	7.97	0.35	BS-480 <sup>13</sup>	6.86	5.84	—	7.88	0.34
		BS-240 <sup>4</sup>	6.97	5.92	—	8.02	0.35	BS-600 <sup>14</sup>	7.01	5.96	—	8.06	0.35
BS-240E <sup>5</sup>		6.98	5.93	—	8.03	0.35	BS-600M <sup>15</sup>	6.92	5.87	—	7.97	0.35	
BS-300 <sup>6</sup>		6.93	5.88	—	7.98	0.35	BS-620M <sup>16</sup>	6.92	5.87	—	7.97	0.35	
BS-330E <sup>7</sup>		6.92	5.87	—	7.97	0.35	BS-800 <sup>17</sup>	7.01	5.96	—	8.06	0.35	
BS-360E <sup>8</sup>		7.01	5.96	—	8.06	0.35	BS-2000 <sup>18</sup>	7.00	5.95	—	8.05	0.35	
BS-380 <sup>9</sup>		6.93	5.88	—	7.98	0.35	BS-2800M <sup>19</sup>	6.86	5.84	—	7.88	0.34	
mg/dL	BS-120 <sup>1</sup>	42.1	35.8	—	48.4	2.1	BS-400 <sup>10</sup>	41.6	35.3	—	47.9	2.1	
	BS-200 <sup>2</sup>	42.1	35.8	—	48.4	2.1	BS-430 <sup>11</sup>	42.1	35.8	—	48.4	2.1	
	BS-200E <sup>3</sup>	41.6	35.3	—	47.9	2.1	BS-480 <sup>13</sup>	41.2	35.1	—	47.3	2.0	
	BS-240 <sup>4</sup>	41.9	35.6	—	48.2	2.1	BS-600 <sup>14</sup>	42.1	35.8	—	48.4	2.1	
	BS-240E <sup>5</sup>	41.9	35.6	—	48.2	2.1	BS-600M <sup>15</sup>	41.6	35.3	—	47.9	2.1	
	BS-300 <sup>6</sup>	41.6	35.3	—	47.9	2.1	BS-620M <sup>16</sup>	41.6	35.3	—	47.9	2.1	
	BS-330E <sup>7</sup>	41.6	35.3	—	47.9	2.1	BS-800 <sup>17</sup>	42.1	35.8	—	48.4	2.1	
	BS-360E <sup>8</sup>	42.1	35.8	—	48.4	2.1	BS-2000 <sup>18</sup>	42.0	35.7	—	48.3	2.1	
	BS-380 <sup>9</sup>	41.6	35.3	—	47.9	2.1	BS-2800M <sup>19</sup>	41.2	35.1	—	47.3	2.0	
U/L	BS-120 <sup>1</sup>	47.7	38.1	—	57.3	3.2	BS-400 <sup>10</sup>	45.8	36.5	—	55.1	3.1	
	BS-200 <sup>2</sup>	42.8	34.1	—	51.5	2.9	BS-430 <sup>11</sup>	45.4	36.4	—	54.4	3.0	
	BS-200E <sup>3</sup>	46.2	36.9	—	55.5	3.1	BS-480 <sup>13</sup>	45.5	36.5	—	54.5	3.0	
	BS-240 <sup>4</sup>	48.2	38.6	—	57.8	3.2	BS-600 <sup>14</sup>	45.6	36.3	—	54.9	3.1	
	BS-240E <sup>5</sup>	45.8	36.5	—	55.1	3.1	BS-600M <sup>15</sup>	45.3	36.3	—	54.3	3.0	
	BS-300 <sup>6</sup>	44.4	35.4	—	53.4	3.0	BS-620M <sup>16</sup>	45.3	36.3	—	54.3	3.0	
	BS-330E <sup>7</sup>	46.2	36.9	—	55.5	3.1	BS-800 <sup>17</sup>	45.6	36.3	—	54.9	3.1	
	BS-360E <sup>8</sup>	43.9	35.2	—	52.6	2.9	BS-2000 <sup>18</sup>	45.2	36.2	—	54.2	3.0	
	BS-380 <sup>9</sup>	45.8	36.5	—	55.1	3.1	BS-2800M <sup>19</sup>	45.2	36.2	—	54.2	3.0	
LIP	μkat/L	BS-120 <sup>1</sup>	0.797	0.636	—	0.957	0.053	BS-400 <sup>10</sup>	0.765	0.610	—	0.920	0.052
		BS-200 <sup>2</sup>	0.715	0.569	—	0.860	0.048	BS-430 <sup>11</sup>	0.758	0.608	—	0.908	0.050
		BS-200E <sup>3</sup>	0.772	0.616	—	0.927	0.052	BS-480 <sup>13</sup>	0.760	0.610	—	0.910	0.050
		BS-240 <sup>4</sup>	0.805	0.645	—	0.965	0.053	BS-600 <sup>14</sup>	0.762	0.606	—	0.917	0.052
		BS-240E <sup>5</sup>	0.765	0.610	—	0.920	0.052	BS-600M <sup>15</sup>	0.757	0.606	—	0.907	0.050
	U/L	BS-300 <sup>6</sup>	0.741	0.591	—	0.892	0.050	BS-620M <sup>16</sup>	0.757	0.606	—	0.907	0.050
		BS-330E <sup>7</sup>	0.772	0.616	—	0.927	0.052	BS-800 <sup>17</sup>	0.762	0.606	—	0.917	0.052
		BS-360E <sup>8</sup>	0.733	0.588	—	0.878	0.048	BS-2000 <sup>18</sup>	0.755	0.605	—	0.905	0.050
		BS-380 <sup>9</sup>	0.765	0.610	—	0.920	0.052	BS-2800M <sup>19</sup>	0.755	0.605	—	0.905	0.050
CHE	U/L	BS-200 <sup>2</sup>	5884	4702	—	7066	394	BS-430 <sup>11</sup>	5955	4758	—	7152	399
		BS-200E <sup>3</sup>	5693	4550	—	6836	381	BS-480 <sup>13</sup>	5883	4701	—	7065	394
		BS-240 <sup>4</sup>	5950	4753	—	7147	399	BS-600 <sup>14</sup>	5955	4758	—	7152	399
		BS-240E <sup>5</sup>	5779	4618	—	6940	387	BS-600M <sup>15</sup>	5917	4729	—	7105	396
		BS-300 <sup>6</sup>	5938	4744	—	7132	398	BS-620M <sup>16</sup>	5917	4729	—	7105	396
	μkat/L	BS-330E <sup>7</sup>	5693	4550	—	6836	381	BS-800 <sup>17</sup>	5955	4758	—	7152	399
		BS-360E <sup>8</sup>	5806	4639	—	6973	389	BS-2000 <sup>18</sup>	5953	4756	—	7150	399
		BS-380 <sup>9</sup>	5939	4745	—	7133	398	BS-2800M <sup>19</sup>	5917	4729	—	7105	396
		BS-400 <sup>10</sup>	5939	4745	—	7133	398						
μkat/L	BS-200 <sup>2</sup>	98.3	78.5	—	118.0	6.6	BS-430 <sup>11</sup>	99.4	79.5	—	119.4	6.7	
	BS-200E <sup>3</sup>	95.1	76.0	—	114.2	6.4	BS-480 <sup>13</sup>	98.2	78.5	—	118.0	6.6	
	BS-240 <sup>4</sup>	99.4	79.4	—	119.4	6.7	BS-600 <sup>14</sup>	99.4	79.5	—	119.4	6.7	
	BS-240E <sup>5</sup>	96.5	77.1	—	115.9	6.5	BS-600M <sup>15</sup>	98.8	79.0	—	118.7	6.6	
	BS-300 <sup>6</sup>	99.2	79.2	—	119.1	6.6	BS-620M <sup>16</sup>	98.8	79.0	—	118.7	6.6	
BS-330E <sup>7</sup>	95.1	76.0	—	114.2	6.4	BS-800 <sup>17</sup>	99.4	79.5	—	119.4	6.7		

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD			
Fe		BS-360E <sup>8</sup>	97.0	77.5	—	116.4	6.5	BS-2000 <sup>18</sup>	99.4	79.4	—	119.4	6.7	
		BS-380 <sup>9</sup>	99.2	79.2	—	119.1	6.6	BS-2800M <sup>19</sup>	98.8	79.0	—	118.7	6.6	
		BS-400 <sup>10</sup>	99.2	79.2	—	119.1	6.6							
	μmol/L	BS-120 <sup>1</sup>	19.3	15.4	—	23.2	1.3	BS-400 <sup>10</sup>	19.9	16.0	—	23.8	1.3	
		BS-200 <sup>2</sup>	19.9	16.0	—	23.8	1.3	BS-430 <sup>11</sup>	19.6	15.7	—	23.5	1.3	
		BS-200E <sup>3</sup>	19.9	16.0	—	23.8	1.3	BS-480 <sup>13</sup>	19.7	15.8	—	23.6	1.3	
		BS-240 <sup>4</sup>	19.2	15.3	—	23.1	1.3	BS-600 <sup>14</sup>	19.6	15.7	—	23.5	1.3	
		BS-240E <sup>5</sup>	20.1	16.2	—	24.0	1.3	BS-600M <sup>15</sup>	19.5	15.6	—	23.4	1.3	
		BS-300 <sup>6</sup>	19.5	15.6	—	23.4	1.3	BS-620M <sup>16</sup>	19.5	15.6	—	23.4	1.3	
		BS-330E <sup>7</sup>	19.9	16.0	—	23.8	1.3	BS-800 <sup>17</sup>	19.0	15.1	—	22.9	1.3	
		BS-360E <sup>8</sup>	19.8	15.9	—	23.7	1.3	BS-2000 <sup>18</sup>	19.6	15.7	—	23.5	1.3	
		BS-380 <sup>9</sup>	20.1	16.2	—	24.0	1.3	BS-2800M <sup>19</sup>	19.5	15.6	—	23.4	1.3	
		mg/L	BS-120 <sup>1</sup>	1.08	0.86	—	1.30	0.07	BS-400 <sup>10</sup>	1.11	0.89	—	1.33	0.07
			BS-200 <sup>2</sup>	1.11	0.89	—	1.33	0.07	BS-430 <sup>11</sup>	1.09	0.88	—	1.31	0.07
			BS-200E <sup>3</sup>	1.11	0.89	—	1.33	0.07	BS-480 <sup>13</sup>	1.10	0.88	—	1.32	0.07
			BS-240 <sup>4</sup>	1.07	0.85	—	1.29	0.07	BS-600 <sup>14</sup>	1.09	0.88	—	1.31	0.07
			BS-240E <sup>5</sup>	1.12	0.91	—	1.34	0.07	BS-600M <sup>15</sup>	1.09	0.87	—	1.31	0.07
			BS-300 <sup>6</sup>	1.09	0.87	—	1.31	0.07	BS-620M <sup>16</sup>	1.09	0.87	—	1.31	0.07
			BS-330E <sup>7</sup>	1.11	0.89	—	1.33	0.07	BS-800 <sup>17</sup>	1.06	0.84	—	1.28	0.07
BS-360E <sup>8</sup>	1.11		0.89	—	1.32	0.07	BS-2000 <sup>18</sup>	1.09	0.88	—	1.31	0.07		
BS-380 <sup>9</sup>	1.12		0.91	—	1.34	0.07	BS-2800M <sup>19</sup>	1.09	0.87	—	1.31	0.07		
UIBC	μmol/L		BS-240 <sup>4</sup>	32.7	26.1	—	39.3	2.2	BS-600 <sup>14</sup>	32.5	25.9	—	39.1	2.2
		BS-240E <sup>5</sup>	33.8	26.9	—	40.7	2.3	BS-600M <sup>15</sup>	32.9	26.3	—	39.5	2.2	
		BS-360E <sup>8</sup>	32.2	25.6	—	38.8	2.2	BS-620M <sup>16</sup>	32.9	26.3	—	39.5	2.2	
	μg/dL	BS-380 <sup>9</sup>	32.4	25.8	—	39.0	2.2	BS-800 <sup>17</sup>	32.5	25.9	—	39.1	2.2	
		BS-400 <sup>10</sup>	32.4	25.8	—	39.0	2.2	BS-2000 <sup>18</sup>	30.7	24.4	—	37.0	2.1	
		BS-430 <sup>11</sup>	32.5	25.9	—	39.1	2.2	BS-2800M <sup>19</sup>	30.3	24.3	—	36.3	2.0	
		BS-480 <sup>13</sup>	35.3	28.1	—	42.5	2.4							
		BS-240 <sup>4</sup>	183	146	—	220	12	BS-600 <sup>14</sup>	182	145	—	219	12	
		BS-240E <sup>5</sup>	189	150	—	228	13	BS-600M <sup>15</sup>	184	147	—	221	12	
		BS-360E <sup>8</sup>	180	143	—	217	12	BS-620M <sup>16</sup>	184	147	—	221	12	
		BS-380 <sup>9</sup>	181	144	—	218	12	BS-800 <sup>17</sup>	182	145	—	219	12	
		BS-400 <sup>10</sup>	181	144	—	218	12	BS-2000 <sup>18</sup>	172	136	—	207	12	
		BS-430 <sup>11</sup>	182	145	—	219	12	BS-2800M <sup>19</sup>	169	136	—	203	11	
ASO II	IU/mL	BS-480 <sup>13</sup>	197	157	—	238	13							
		BS-200E <sup>3</sup>	115	76	—	154	13	BS-480 <sup>13</sup>	117	75	—	159	14	
		BS-240 <sup>4</sup>	118	76	—	160	14	BS-600 <sup>14</sup>	117	75	—	159	14	
		BS-240E <sup>5</sup>	117	75	—	159	14	BS-600M <sup>15</sup>	117	75	—	159	14	
		BS-360E <sup>8</sup>	117	75	—	159	14	BS-620M <sup>16</sup>	117	75	—	159	14	
		BS-380 <sup>9</sup>	115	76	—	154	13	BS-800 <sup>17</sup>	117	75	—	159	14	
		BS-400 <sup>10</sup>	115	76	—	154	13	BS-2000 <sup>18</sup>	116	74	—	158	14	
FER	ng/mL	BS-430 <sup>11</sup>	117	75	—	159	14	BS-2800M <sup>19</sup>	117	75	—	159	14	
		BS-200E <sup>3</sup>	95.1	80.7	—	109.5	4.8	BS-480 <sup>13</sup>	95.2	80.8	—	109.6	4.8	
		BS-240 <sup>4</sup>	97.7	83.0	—	112.4	4.9	BS-600 <sup>14</sup>	95.2	80.8	—	109.6	4.8	
		BS-240E <sup>5</sup>	95.2	80.8	—	109.6	4.8	BS-600M <sup>15</sup>	95.4	81.0	—	109.8	4.8	
		BS-360E <sup>8</sup>	95.2	80.8	—	109.6	4.8	BS-620M <sup>16</sup>	95.4	81.0	—	109.8	4.8	
		BS-380 <sup>9</sup>	95.1	80.7	—	109.5	4.8	BS-800 <sup>17</sup>	95.2	80.8	—	109.6	4.8	
	pmol/L	BS-400 <sup>10</sup>	95.1	80.7	—	109.5	4.8	BS-2000 <sup>18</sup>	94.7	80.6	—	108.8	4.7	
		BS-430 <sup>11</sup>	95.2	80.8	—	109.6	4.8	BS-2800M <sup>19</sup>	95.4	81.0	—	109.8	4.8	
		BS-200E <sup>3</sup>	214	181	—	246	11	BS-480 <sup>13</sup>	214	182	—	246	11	
		BS-240 <sup>4</sup>	220	187	—	253	11	BS-600 <sup>14</sup>	214	182	—	246	11	
		BS-240E <sup>5</sup>	214	182	—	246	11	BS-600M <sup>15</sup>	214	182	—	247	11	
	BS-360E <sup>8</sup>	214	182	—	246	11	BS-620M <sup>16</sup>	214	182	—	247	11		
	BS-380 <sup>9</sup>	214	181	—	246	11	BS-800 <sup>17</sup>	214	182	—	246	11		
	BS-400 <sup>10</sup>	214	181	—	246	11	BS-2000 <sup>18</sup>	213	181	—	244	11		
	BS-430 <sup>11</sup>	214	182	—	246	11	BS-2800M <sup>19</sup>	214	182	—	247	11		

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
HS-CRP	mg/L	BS-200E <sup>3</sup>	6.14	4.31	—	7.97	0.61	BS-430 <sup>11</sup>	6.07	4.24	—	7.90	0.61
		BS-240 <sup>4</sup>	6.09	4.26	—	7.92	0.61	BS-480 <sup>13</sup>	6.18	4.32	—	8.04	0.62
		BS-240E <sup>5</sup>	6.81	4.77	—	8.85	0.68	BS-600 <sup>14</sup>	6.18	4.32	—	8.04	0.62
		BS-300 <sup>6</sup>	6.05	4.22	—	7.88	0.61	BS-600M <sup>15</sup>	5.95	4.15	—	7.75	0.60
		BS-330E <sup>7</sup>	6.14	4.31	—	7.97	0.61	BS-620M <sup>16</sup>	5.95	4.15	—	7.75	0.60
		BS-360E <sup>8</sup>	6.18	4.32	—	8.04	0.62	BS-800 <sup>17</sup>	6.18	4.32	—	8.04	0.62
		BS-380 <sup>9</sup>	6.05	4.22	—	7.88	0.61	BS-2000 <sup>18</sup>	6.24	4.38	—	8.10	0.62
	BS-400 <sup>10</sup>	6.03	4.23	—	7.83	0.60	BS-2800M <sup>19</sup>	5.95	4.15	—	7.75	0.60	
	nmol/L	BS-200E <sup>3</sup>	58.5	41.0	—	75.9	5.8	BS-430 <sup>11</sup>	57.8	40.4	—	75.2	5.8
		BS-240 <sup>4</sup>	58.0	40.6	—	75.4	5.8	BS-480 <sup>13</sup>	58.8	41.1	—	76.5	5.9
BS-240E <sup>5</sup>		64.8	45.4	—	84.3	6.5	BS-600 <sup>14</sup>	58.8	41.1	—	76.5	5.9	
BS-300 <sup>6</sup>		57.6	40.2	—	75.0	5.8	BS-600M <sup>15</sup>	56.6	39.5	—	73.8	5.7	
BS-330E <sup>7</sup>		58.5	41.0	—	75.9	5.8	BS-620M <sup>16</sup>	56.6	39.5	—	73.8	5.7	
BS-360E <sup>8</sup>		58.8	41.1	—	76.5	5.9	BS-800 <sup>17</sup>	58.8	41.1	—	76.5	5.9	
BS-380 <sup>9</sup>		57.6	40.2	—	75.0	5.8	BS-2000 <sup>18</sup>	59.4	41.7	—	77.1	5.9	
BS-400 <sup>10</sup>	57.4	40.3	—	74.5	5.7	BS-2800M <sup>19</sup>	56.6	39.5	—	73.8	5.7		
TRF	g/L	BS-120 <sup>1</sup>	2.00	1.70	—	2.30	0.10	BS-430 <sup>11</sup>	2.06	1.76	—	2.36	0.10
		BS-200 <sup>2</sup>	1.99	1.69	—	2.29	0.10	BS-480 <sup>13</sup>	2.00	1.70	—	2.30	0.10
		BS-200E <sup>3</sup>	2.06	1.76	—	2.36	0.10	BS-600 <sup>14</sup>	2.04	1.74	—	2.34	0.10
		BS-240 <sup>4</sup>	1.97	1.67	—	2.27	0.10	BS-600M <sup>15</sup>	1.96	1.66	—	2.26	0.10
		BS-240E <sup>5</sup>	2.04	1.74	—	2.34	0.10	BS-620M <sup>16</sup>	1.96	1.66	—	2.26	0.10
		BS-360E <sup>8</sup>	2.01	1.71	—	2.31	0.10	BS-800 <sup>17</sup>	2.00	1.70	—	2.30	0.10
		BS-380 <sup>9</sup>	2.06	1.76	—	2.36	0.10	BS-2000 <sup>18</sup>	2.04	1.74	—	2.34	0.10
	BS-400 <sup>10</sup>	2.06	1.76	—	2.36	0.10	BS-2800M <sup>19</sup>	1.96	1.66	—	2.26	0.10	
	μmol/L	BS-120 <sup>1</sup>	25.2	21.4	—	29.0	1.3	BS-430 <sup>11</sup>	26.0	22.2	—	29.7	1.3
		BS-200 <sup>2</sup>	25.1	21.3	—	28.9	1.3	BS-480 <sup>13</sup>	25.2	21.4	—	29.0	1.3
BS-200E <sup>3</sup>		26.0	22.2	—	29.7	1.3	BS-600 <sup>14</sup>	25.7	21.9	—	29.5	1.3	
BS-240 <sup>4</sup>		24.8	21.0	—	28.6	1.3	BS-600M <sup>15</sup>	24.7	20.9	—	28.5	1.3	
BS-240E <sup>5</sup>		25.7	21.9	—	29.5	1.3	BS-620M <sup>16</sup>	24.7	20.9	—	28.5	1.3	
BS-360E <sup>8</sup>		25.3	21.5	—	29.1	1.3	BS-800 <sup>17</sup>	25.2	21.4	—	29.0	1.3	
BS-380 <sup>9</sup>		26.0	22.2	—	29.7	1.3	BS-2000 <sup>18</sup>	25.7	21.9	—	29.5	1.3	
BS-400 <sup>10</sup>	26.0	22.2	—	29.7	1.3	BS-2800M <sup>19</sup>	24.7	20.9	—	28.5	1.3		
Na+	mmol/L	BS-120 <sup>1</sup>	123	111	—	135	4	BS-380 <sup>9</sup>	124	112	—	136	4
		BS-200 <sup>2</sup>	123	111	—	135	4	BS-400 <sup>10</sup>	123	111	—	135	4
		BS-200E <sup>3</sup>	123	111	—	135	4	BS-430 <sup>11</sup>	122	110	—	134	4
		BS-240 <sup>4</sup>	123	111	—	135	4	BS-450 <sup>12</sup>	123	111	—	135	4
		BS-240E <sup>5</sup>	120	108	—	132	4	BS-480 <sup>13</sup>	123	111	—	135	4
		BS-300 <sup>6</sup>	123	111	—	135	4	BS-600 <sup>14</sup>	121	109	—	133	4
		BS-330E <sup>7</sup>	123	111	—	135	4	BS-600M <sup>15</sup>	123	111	—	135	4
	BS-360E <sup>8</sup>	123	111	—	135	4	BS-620M <sup>16</sup>	123	111	—	135	4	
	mmol/L	BS-800 <sup>17</sup>	112	100	—	124	4	BS-2800M <sup>19</sup>	113	101	—	125	4
		BS-2000 <sup>18</sup>	112	100	—	124	4						
K+	mmol/L	BS-120 <sup>1</sup>	3.85	3.46	—	4.24	0.13	BS-380 <sup>9</sup>	3.86	3.47	—	4.25	0.13
		BS-200 <sup>2</sup>	3.85	3.46	—	4.24	0.13	BS-400 <sup>10</sup>	3.85	3.46	—	4.24	0.13
		BS-200E <sup>3</sup>	3.85	3.46	—	4.24	0.13	BS-430 <sup>11</sup>	3.82	3.43	—	4.21	0.13
		BS-240 <sup>4</sup>	3.85	3.46	—	4.24	0.13	BS-450 <sup>12</sup>	4.05	3.66	—	4.44	0.13
		BS-240E <sup>5</sup>	3.71	3.35	—	4.07	0.12	BS-480 <sup>13</sup>	3.84	3.45	—	4.23	0.13
		BS-300 <sup>6</sup>	3.85	3.46	—	4.24	0.13	BS-600 <sup>14</sup>	3.72	3.36	—	4.08	0.12
		BS-330E <sup>7</sup>	3.85	3.46	—	4.24	0.13	BS-600M <sup>15</sup>	4.05	3.66	—	4.44	0.13
	BS-360E <sup>8</sup>	3.85	3.46	—	4.24	0.13	BS-620M <sup>16</sup>	4.05	3.66	—	4.44	0.13	
	mmol/L	BS-800 <sup>17</sup>	3.68	3.32	—	4.04	0.12	BS-2800M <sup>19</sup>	3.70	3.34	—	4.06	0.12
		BS-2000 <sup>18</sup>	3.68	3.32	—	4.04	0.12						
mmol/L	BS-120 <sup>1</sup>	88.9	80.2	—	97.6	2.9	BS-380 <sup>9</sup>	90.1	81.1	—	99.1	3.0	
	BS-200 <sup>2</sup>	88.9	80.2	—	97.6	2.9	BS-400 <sup>10</sup>	88.9	80.2	—	97.6	2.9	
	BS-200E <sup>3</sup>	88.9	80.2	—	97.6	2.9	BS-430 <sup>11</sup>	88.8	80.1	—	97.5	2.9	
	BS-240 <sup>4</sup>	88.9	80.2	—	97.6	2.9	BS-450 <sup>12</sup>	91.3	82.3	—	100.3	3.0	



Abbreviated name	Unit	Model	Assay Value	Range(Assay Value $\pm$ 3SD)		1 SD	Model	Assay Value	Range(Assay Value $\pm$ 3SD)		1 SD		
Cl-	mmol/L	BS-240E <sup>5</sup>	87.9	79.2	—	96.6	2.9	BS-480 <sup>13</sup>	89.1	80.4	—	97.8	2.9
		BS-300 <sup>6</sup>	88.9	80.2	—	97.6	2.9	BS-600 <sup>14</sup>	86.7	78.0	—	95.4	2.9
		BS-330E <sup>7</sup>	88.9	80.2	—	97.6	2.9	BS-600M <sup>15</sup>	91.3	82.3	—	100.3	3.0
		BS-360E <sup>8</sup>	88.9	80.2	—	97.6	2.9	BS-620M <sup>16</sup>	91.3	82.3	—	100.3	3.0
		BS-800 <sup>17</sup>	89.3	80.6	—	98.0	2.9	BS-2800M <sup>19</sup>	89.6	80.6	—	98.6	3.0
		BS-2000 <sup>18</sup>	89.3	80.6	—	98.0	2.9						

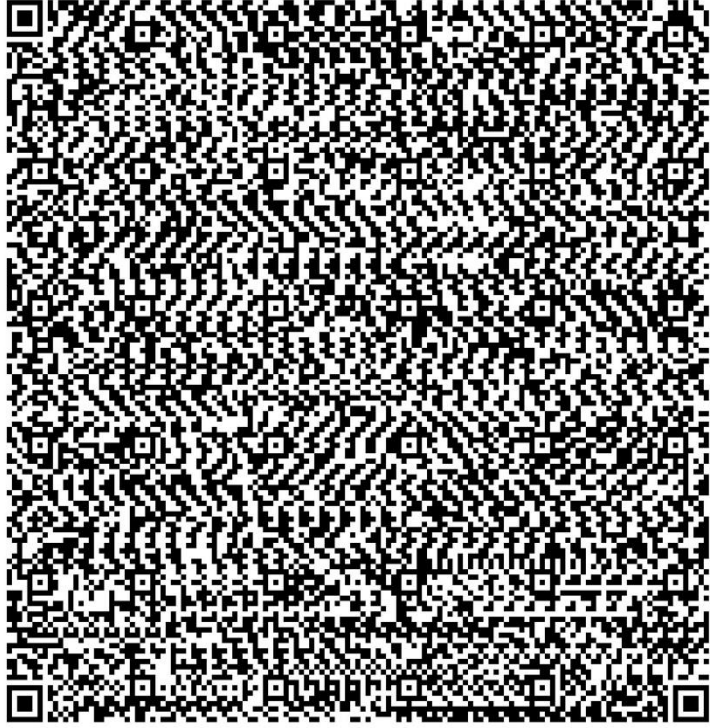
**mindray**

**ClinChem Multi Control (level 1)**

For use on: BS-2800M

LOT 059323014

📅 2025-06-16



**mindray**

**ClinChem Multi Control (level 1)**

For use on: BS-2000

LOT 059323014

📅 2025-06-16



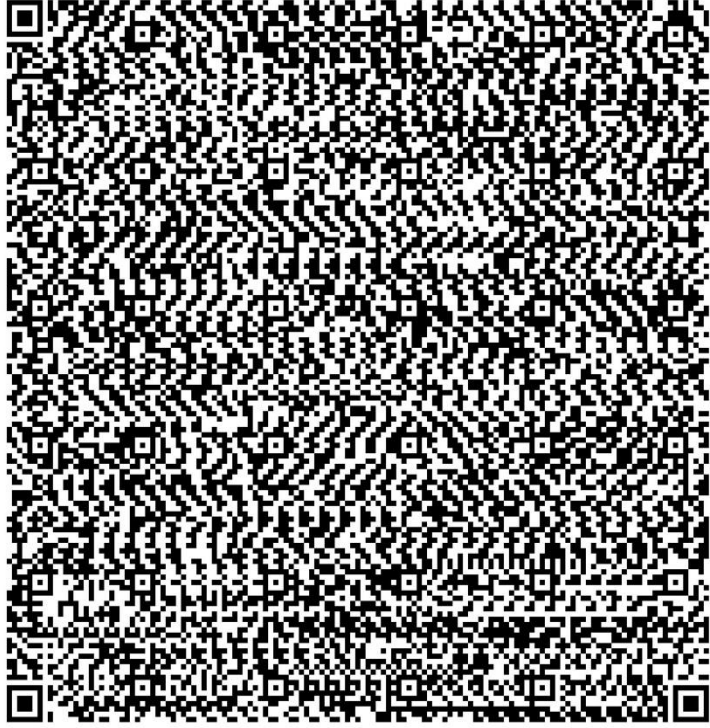
**mindray**

**ClinChem Multi Control (level 1)**

For use on: BS-620M

**LOT 059323014**

**2025-06-16**



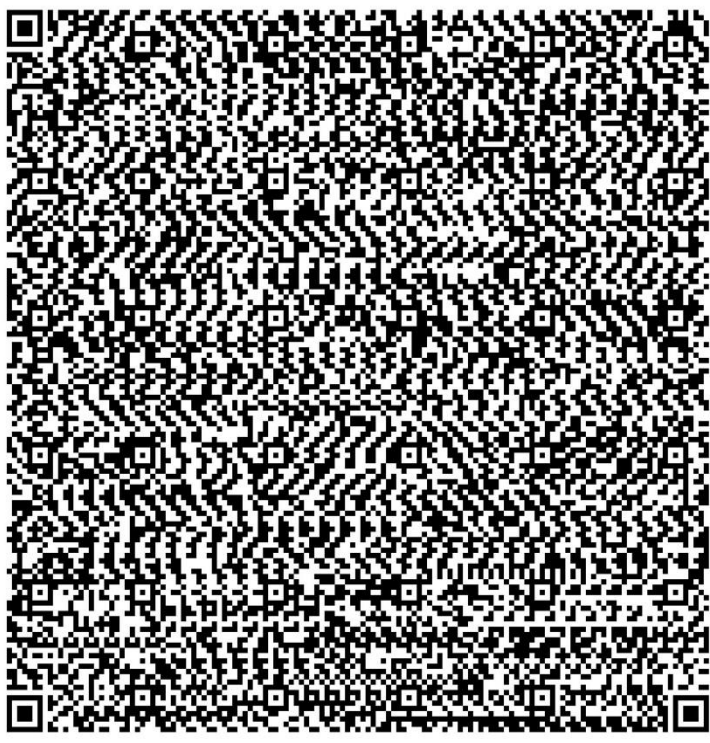
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**ClinChem Multi Control (level 1)**

For use on: BS-600M

**LOT 059323014**

**2025-06-16**



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**ClinChem Multi Control (level 1)**

For use on: BS-800

**LOT 059323014**

**2025-06-16**

