

**Value sheet of Mindray BS Measurement System**

Русский: Таблица результатов для системы BS компании Mindray  
 Português: Planilha de valores do Sistema de Medição BS da Mindray  
 Español: Hoja de valores del sistema de medición Mindray BS  
 Italiano: Scheda dei valori del sistema di misurazione BS di Mindray  
 Türkçe: Mindray BS Ölçüm Sistemi'nin değer sayfası



**The data of each group is same.**

**Русский: Данные совпадают во всех группах.**

**Português: A dados de cada grupo é a mesma.**

**Español: la datos de cada grupo es la misma.**

**Italiano: la dati di ogni gruppo è la stessa.**

**Türkçe: her grubun veri aynıdır.**

- 1.BS-120: BS-120, BS-130, BS-180, BS-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;

- 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.For applicable analyzers of the analyte, please subject to the parameter sheet and instrument.

**LOT: 059424004**

**⌚: 2025-11-30**

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)	
	<b>ALB</b>	<b>ALP</b>	<b>ALT</b>	<b>α-AMY</b>	<b>AST</b>	
<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	
	<b>Bil-D</b>	<b>Bil-T</b>	<b>Ca</b>	<b>TC</b>	<b>HDL-C</b>	<b>LDL-C</b>
<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
	<b>CK</b>	<b>CK-MB</b>	<b>Crea</b>	<b>GLU</b>	<b>GGT</b>	
<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	
	<b>α-HBDH</b>	<b>ApoA1</b>	<b>ApoB</b>	<b>C3</b>		
<b>English</b>	α-Hydroxybutyrate Dehydrogenase	Apolipoprotein A1	Apolipoprotein B	Complement C3		
<b>Русский</b>	α-гидроксибутиратдегидрогеназа	Аполипопротеин A1	Аполипопротеин B	Комплемент C3		

<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		Anti-streptolisina "O"		Ferritina	Transferrina
<b>Español</b>	Capacidad de unión de hierro no saturado		anti-streptolisina "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>	47.4	40.2	—	54.6	2.4	<b>BS-400<sup>10</sup></b>	47.6	40.4	—	54.8	2.4
		<b>BS-200<sup>2</sup></b>	47.2	40.0	—	54.4	2.4	<b>BS-430<sup>11</sup></b>	48.1	40.9	—	55.3	2.4
		<b>BS-200E<sup>3</sup></b>	48.0	40.8	—	55.2	2.4	<b>BS-480<sup>13</sup></b>	47.0	39.8	—	54.2	2.4
		<b>BS-240<sup>4</sup></b>	48.2	41.0	—	55.4	2.4	<b>BS-600<sup>14</sup></b>	47.4	40.2	—	54.6	2.4
		<b>BS-240E<sup>5</sup></b>	46.3	39.4	—	53.2	2.3	<b>BS-600M<sup>15</sup></b>	47.4	40.2	—	54.6	2.4
		<b>BS-300<sup>6</sup></b>	48.4	41.2	—	55.6	2.4	<b>BS-620M<sup>16</sup></b>	47.4	40.2	—	54.6	2.4
		<b>BS-330E<sup>7</sup></b>	48.0	40.8	—	55.2	2.4	<b>BS-800<sup>17</sup></b>	47.6	40.4	—	54.8	2.4
		<b>BS-360E<sup>8</sup></b>	46.1	39.2	—	53.0	2.3	<b>BS-2000<sup>18</sup></b>	47.9	40.7	—	55.1	2.4
	<b>BS-380<sup>9</sup></b>	47.8	40.6	—	55.0	2.4	<b>BS-2800M<sup>19</sup></b>	47.4	40.2	—	54.6	2.4	
	µmol/L	<b>BS-120<sup>1</sup></b>	720	611	—	830	36	<b>BS-400<sup>10</sup></b>	724	614	—	833	36
		<b>BS-200<sup>2</sup></b>	717	608	—	827	36	<b>BS-430<sup>11</sup></b>	731	622	—	841	36
		<b>BS-200E<sup>3</sup></b>	730	620	—	839	36	<b>BS-480<sup>13</sup></b>	714	605	—	824	36
		<b>BS-240<sup>4</sup></b>	733	623	—	842	36	<b>BS-600<sup>14</sup></b>	720	611	—	830	36
		<b>BS-240E<sup>5</sup></b>	704	599	—	809	35	<b>BS-600M<sup>15</sup></b>	720	611	—	830	36
<b>BS-300<sup>6</sup></b>		736	626	—	845	36	<b>BS-620M<sup>16</sup></b>	720	611	—	830	36	
<b>BS-330E<sup>7</sup></b>	730	620	—	839	36	<b>BS-800<sup>17</sup></b>	724	614	—	833	36		

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>	701	596	—	806	35	BS-2000 <sup>18</sup>	728	619	—	838	36
		BS-380 <sup>9</sup>	727	617	—	836	36	BS-2800M <sup>19</sup>	720	611	—	830	36
		BS-120 <sup>1</sup>	249	213	—	285	12	BS-400 <sup>10</sup>	252	213	—	291	13
		BS-200 <sup>2</sup>	246	210	—	282	12	BS-430 <sup>11</sup>	251	212	—	290	13
		BS-200E <sup>3</sup>	251	212	—	290	13	BS-480 <sup>13</sup>	249	213	—	285	12
		BS-240 <sup>4</sup>	243	207	—	279	12	BS-600 <sup>14</sup>	249	213	—	285	12
		BS-240E <sup>5</sup>	243	207	—	279	12	BS-600M <sup>15</sup>	250	211	—	289	13
		BS-300 <sup>6</sup>	252	213	—	291	13	BS-620M <sup>16</sup>	250	211	—	289	13
		BS-330E <sup>7</sup>	251	212	—	290	13	BS-800 <sup>17</sup>	249	213	—	285	12
	μkat/L	BS-360E <sup>8</sup>	248	212	—	284	12	BS-2000 <sup>18</sup>	252	213	—	291	13
		BS-380 <sup>9</sup>	252	213	—	291	13	BS-2800M <sup>19</sup>	248	212	—	284	12
		BS-120 <sup>1</sup>	4.16	3.56	—	4.76	0.20	BS-400 <sup>10</sup>	4.21	3.56	—	4.86	0.22
		BS-200 <sup>2</sup>	4.11	3.51	—	4.71	0.20	BS-430 <sup>11</sup>	4.19	3.54	—	4.84	0.22
		BS-200E <sup>3</sup>	4.19	3.54	—	4.84	0.22	BS-480 <sup>13</sup>	4.16	3.56	—	4.76	0.20
		BS-240 <sup>4</sup>	4.06	3.46	—	4.66	0.20	BS-600 <sup>14</sup>	4.16	3.56	—	4.76	0.20
		BS-240E <sup>5</sup>	4.06	3.46	—	4.66	0.20	BS-600M <sup>15</sup>	4.18	3.52	—	4.83	0.22
		BS-300 <sup>6</sup>	4.21	3.56	—	4.86	0.22	BS-620M <sup>16</sup>	4.18	3.52	—	4.83	0.22
		BS-330E <sup>7</sup>	4.19	3.54	—	4.84	0.22	BS-800 <sup>17</sup>	4.16	3.56	—	4.76	0.20
ALT	U/L	BS-360E <sup>8</sup>	4.14	3.54	—	4.74	0.20	BS-2000 <sup>18</sup>	4.21	3.56	—	4.86	0.22
		BS-380 <sup>9</sup>	4.21	3.56	—	4.86	0.22	BS-2800M <sup>19</sup>	4.14	3.54	—	4.74	0.20
		BS-120 <sup>1</sup>	130	109	—	151	7	BS-400 <sup>10</sup>	132	111	—	153	7
		BS-200 <sup>2</sup>	130	109	—	151	7	BS-430 <sup>11</sup>	130	109	—	151	7
		BS-200E <sup>3</sup>	131	110	—	152	7	BS-480 <sup>13</sup>	130	109	—	151	7
		BS-240 <sup>4</sup>	131	110	—	152	7	BS-600 <sup>14</sup>	130	109	—	151	7
		BS-240E <sup>5</sup>	131	110	—	152	7	BS-600M <sup>15</sup>	130	109	—	151	7
		BS-300 <sup>6</sup>	132	111	—	153	7	BS-620M <sup>16</sup>	130	109	—	151	7
		BS-330E <sup>7</sup>	131	110	—	152	7	BS-800 <sup>17</sup>	130	109	—	151	7
	μkat/L	BS-360E <sup>8</sup>	131	110	—	152	7	BS-2000 <sup>18</sup>	131	110	—	152	7
		BS-380 <sup>9</sup>	132	111	—	153	7	BS-2800M <sup>19</sup>	130	109	—	151	7
		BS-120 <sup>1</sup>	2.17	1.82	—	2.52	0.12	BS-400 <sup>10</sup>	2.20	1.85	—	2.56	0.12
		BS-200 <sup>2</sup>	2.17	1.82	—	2.52	0.12	BS-430 <sup>11</sup>	2.17	1.82	—	2.52	0.12
		BS-200E <sup>3</sup>	2.19	1.84	—	2.54	0.12	BS-480 <sup>13</sup>	2.17	1.82	—	2.52	0.12
		BS-240 <sup>4</sup>	2.19	1.84	—	2.54	0.12	BS-600 <sup>14</sup>	2.17	1.82	—	2.52	0.12
		BS-240E <sup>5</sup>	2.19	1.84	—	2.54	0.12	BS-600M <sup>15</sup>	2.17	1.82	—	2.52	0.12
		BS-300 <sup>6</sup>	2.20	1.85	—	2.56	0.12	BS-620M <sup>16</sup>	2.17	1.82	—	2.52	0.12
		BS-330E <sup>7</sup>	2.19	1.84	—	2.54	0.12	BS-800 <sup>17</sup>	2.17	1.82	—	2.52	0.12
α-AMY	U/L	BS-360E <sup>8</sup>	2.19	1.84	—	2.54	0.12	BS-2000 <sup>18</sup>	2.19	1.84	—	2.54	0.12
		BS-380 <sup>9</sup>	2.20	1.85	—	2.56	0.12	BS-2800M <sup>19</sup>	2.17	1.82	—	2.52	0.12
		BS-120 <sup>1</sup>	208	178	—	238	10	BS-400 <sup>10</sup>	211	178	—	244	11
		BS-200 <sup>2</sup>	203	173	—	233	10	BS-430 <sup>11</sup>	209	179	—	239	10
		BS-200E <sup>3</sup>	207	177	—	237	10	BS-480 <sup>13</sup>	209	179	—	239	10
		BS-240 <sup>4</sup>	210	177	—	243	11	BS-600 <sup>14</sup>	207	177	—	237	10
		BS-240E <sup>5</sup>	206	176	—	236	10	BS-600M <sup>15</sup>	208	178	—	238	10
		BS-300 <sup>6</sup>	211	178	—	244	11	BS-620M <sup>16</sup>	208	178	—	238	10
		BS-330E <sup>7</sup>	207	177	—	237	10	BS-800 <sup>17</sup>	208	178	—	238	10
	μkat/L	BS-360E <sup>8</sup>	207	177	—	237	10	BS-2000 <sup>18</sup>	210	177	—	243	11
		BS-380 <sup>9</sup>	211	178	—	244	11	BS-2800M <sup>19</sup>	208	178	—	238	10
		BS-120 <sup>1</sup>	3.47	2.97	—	3.97	0.17	BS-400 <sup>10</sup>	3.52	2.97	—	4.07	0.18
		BS-200 <sup>2</sup>	3.39	2.89	—	3.89	0.17	BS-430 <sup>11</sup>	3.49	2.99	—	3.99	0.17
		BS-200E <sup>3</sup>	3.46	2.96	—	3.96	0.17	BS-480 <sup>13</sup>	3.49	2.99	—	3.99	0.17
		BS-240 <sup>4</sup>	3.51	2.96	—	4.06	0.18	BS-600 <sup>14</sup>	3.46	2.96	—	3.96	0.17
		BS-240E <sup>5</sup>	3.44	2.94	—	3.94	0.17	BS-600M <sup>15</sup>	3.47	2.97	—	3.97	0.17
		BS-300 <sup>6</sup>	3.52	2.97	—	4.07	0.18	BS-620M <sup>16</sup>	3.47	2.97	—	3.97	0.17
		BS-330E <sup>7</sup>	3.46	2.96	—	3.96	0.17	BS-800 <sup>17</sup>	3.47	2.97	—	3.97	0.17

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>	149	128	—	170	7	BS-400 <sup>10</sup>	150	126	—	174	8
		BS-200 <sup>2</sup>	146	125	—	167	7	BS-430 <sup>11</sup>	149	128	—	170	7
		BS-200E <sup>3</sup>	149	128	—	170	7	BS-480 <sup>13</sup>	149	128	—	170	7
		BS-240 <sup>4</sup>	149	128	—	170	7	BS-600 <sup>14</sup>	149	128	—	170	7
		BS-240E <sup>5</sup>	149	128	—	170	7	BS-600M <sup>15</sup>	150	126	—	174	8
		BS-300 <sup>6</sup>	150	126	—	174	8	BS-620M <sup>16</sup>	150	126	—	174	8
		BS-330E <sup>7</sup>	149	128	—	170	7	BS-800 <sup>17</sup>	149	128	—	170	7
		BS-360E <sup>8</sup>	149	128	—	170	7	BS-2000 <sup>18</sup>	153	129	—	177	8
		BS-380 <sup>9</sup>	150	126	—	174	8	BS-2800M <sup>19</sup>	150	126	—	174	8
	µkat/L	BS-120 <sup>1</sup>	2.49	2.14	—	2.84	0.12	BS-400 <sup>10</sup>	2.51	2.10	—	2.91	0.13
		BS-200 <sup>2</sup>	2.44	2.09	—	2.79	0.12	BS-430 <sup>11</sup>	2.49	2.14	—	2.84	0.12
		BS-200E <sup>3</sup>	2.49	2.14	—	2.84	0.12	BS-480 <sup>13</sup>	2.49	2.14	—	2.84	0.12
		BS-240 <sup>4</sup>	2.49	2.14	—	2.84	0.12	BS-600 <sup>14</sup>	2.49	2.14	—	2.84	0.12
		BS-240E <sup>5</sup>	2.49	2.14	—	2.84	0.12	BS-600M <sup>15</sup>	2.51	2.10	—	2.91	0.13
		BS-300 <sup>6</sup>	2.51	2.10	—	2.91	0.13	BS-620M <sup>16</sup>	2.51	2.10	—	2.91	0.13
		BS-330E <sup>7</sup>	2.49	2.14	—	2.84	0.12	BS-800 <sup>17</sup>	2.49	2.14	—	2.84	0.12
		BS-360E <sup>8</sup>	2.49	2.14	—	2.84	0.12	BS-2000 <sup>18</sup>	2.56	2.15	—	2.96	0.13
		BS-380 <sup>9</sup>	2.51	2.10	—	2.91	0.13	BS-2800M <sup>19</sup>	2.51	2.10	—	2.91	0.13
	Bil-D (DSA) II	µmol/L	BS-120 <sup>1</sup>	46.4	35.9	—	56.9	3.5	BS-400 <sup>10</sup>	46.1	35.6	—	56.6
BS-200 <sup>2</sup>			46.3	35.8	—	56.8	3.5	BS-430 <sup>11</sup>	46.5	36.0	—	57.0	3.5
BS-200E <sup>3</sup>			46.2	35.7	—	56.7	3.5	BS-480 <sup>13</sup>	46.3	35.8	—	56.8	3.5
BS-240 <sup>4</sup>			45.8	35.6	—	56.0	3.4	BS-600 <sup>14</sup>	46.7	36.2	—	57.2	3.5
BS-240E <sup>5</sup>			46.1	35.6	—	56.6	3.5	BS-600M <sup>15</sup>	46.6	36.1	—	57.1	3.5
BS-300 <sup>6</sup>			46.8	36.3	—	57.3	3.5	BS-620M <sup>16</sup>	46.6	36.1	—	57.1	3.5
BS-330E <sup>7</sup>			46.2	35.7	—	56.7	3.5	BS-800 <sup>17</sup>	46.5	36.0	—	57.0	3.5
BS-360E <sup>8</sup>			46.6	36.1	—	57.1	3.5	BS-2000 <sup>18</sup>	46.0	35.5	—	56.5	3.5
BS-380 <sup>9</sup>			46.2	35.7	—	56.7	3.5	BS-2800M <sup>19</sup>	46.1	35.6	—	56.6	3.5
mg/dL		BS-120 <sup>1</sup>	2.71	2.10	—	3.33	0.20	BS-400 <sup>10</sup>	2.70	2.08	—	3.31	0.20
		BS-200 <sup>2</sup>	2.71	2.09	—	3.32	0.20	BS-430 <sup>11</sup>	2.72	2.11	—	3.33	0.20
		BS-200E <sup>3</sup>	2.70	2.09	—	3.32	0.20	BS-480 <sup>13</sup>	2.71	2.09	—	3.32	0.20
		BS-240 <sup>4</sup>	2.68	2.08	—	3.27	0.20	BS-600 <sup>14</sup>	2.73	2.12	—	3.35	0.20
		BS-240E <sup>5</sup>	2.70	2.08	—	3.31	0.20	BS-600M <sup>15</sup>	2.73	2.11	—	3.34	0.20
		BS-300 <sup>6</sup>	2.74	2.12	—	3.35	0.20	BS-620M <sup>16</sup>	2.73	2.11	—	3.34	0.20
		BS-330E <sup>7</sup>	2.70	2.09	—	3.32	0.20	BS-800 <sup>17</sup>	2.72	2.11	—	3.33	0.20
		BS-360E <sup>8</sup>	2.73	2.11	—	3.34	0.20	BS-2000 <sup>18</sup>	2.69	2.08	—	3.30	0.20
		BS-380 <sup>9</sup>	2.70	2.09	—	3.32	0.20	BS-2800M <sup>19</sup>	2.70	2.08	—	3.31	0.20
Bil-D (VOX)		µmol/L	BS-120 <sup>1</sup>	32.5	25.3	—	39.7	2.4	BS-400 <sup>10</sup>	32.4	25.2	—	39.6
	BS-200 <sup>2</sup>		32.5	25.3	—	39.7	2.4	BS-430 <sup>11</sup>	32.4	25.2	—	39.6	2.4
	BS-200E <sup>3</sup>		33.4	25.9	—	40.9	2.5	BS-480 <sup>13</sup>	32.8	25.3	—	40.3	2.5
	BS-240 <sup>4</sup>		32.7	25.2	—	40.2	2.5	BS-600 <sup>14</sup>	32.4	25.2	—	39.6	2.4
	BS-240E <sup>5</sup>		32.4	25.2	—	39.6	2.4	BS-600M <sup>15</sup>	33.2	25.7	—	40.7	2.5
	BS-300 <sup>6</sup>		32.4	25.2	—	39.6	2.4	BS-620M <sup>16</sup>	33.2	25.7	—	40.7	2.5
	BS-330E <sup>7</sup>		33.4	25.9	—	40.9	2.5	BS-800 <sup>17</sup>	32.4	25.2	—	39.6	2.4
	BS-360E <sup>8</sup>		32.4	25.2	—	39.6	2.4	BS-2000 <sup>18</sup>	32.5	25.3	—	39.7	2.4
	BS-380 <sup>9</sup>		32.4	25.2	—	39.6	2.4	BS-2800M <sup>19</sup>	33.2	25.7	—	40.7	2.5
	mg/dL	BS-120 <sup>1</sup>	1.90	1.48	—	2.32	0.14	BS-400 <sup>10</sup>	1.89	1.47	—	2.32	0.14
		BS-200 <sup>2</sup>	1.90	1.48	—	2.32	0.14	BS-430 <sup>11</sup>	1.89	1.47	—	2.32	0.14
		BS-200E <sup>3</sup>	1.95	1.51	—	2.39	0.15	BS-480 <sup>13</sup>	1.92	1.48	—	2.36	0.15
		BS-240 <sup>4</sup>	1.91	1.47	—	2.35	0.15	BS-600 <sup>14</sup>	1.89	1.47	—	2.32	0.14
		BS-240E <sup>5</sup>	1.89	1.47	—	2.32	0.14	BS-600M <sup>15</sup>	1.94	1.50	—	2.38	0.15
		BS-300 <sup>6</sup>	1.89	1.47	—	2.32	0.14	BS-620M <sup>16</sup>	1.94	1.50	—	2.38	0.15
		BS-330E <sup>7</sup>	1.95	1.51	—	2.39	0.15	BS-800 <sup>17</sup>	1.89	1.47	—	2.32	0.14
		BS-360E <sup>8</sup>	1.89	1.47	—	2.32	0.14	BS-2000 <sup>18</sup>	1.90	1.48	—	2.32	0.14
		BS-380 <sup>9</sup>	1.89	1.47	—	2.32	0.14	BS-2800M <sup>19</sup>	1.94	1.50	—	2.38	0.15
			BS-120 <sup>1</sup>	72.6	56.4	—	88.8	5.4	BS-400 <sup>10</sup>	74.5	57.7	—	91.3
		BS-200 <sup>2</sup>	73.0	56.5	—	89.5	5.5	BS-430 <sup>11</sup>	76.1	59.0	—	93.2	5.7

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD				
<b>Bil-T (DSA) II</b>	μmol/L	BS-200E <sup>3</sup>	74.5	57.7	—	91.3	5.6	BS-480 <sup>13</sup>	74.3	57.5	—	91.1	5.6		
		BS-240 <sup>4</sup>	73.6	57.1	—	90.1	5.5	BS-600 <sup>14</sup>	76.1	59.0	—	93.2	5.7		
		BS-240E <sup>5</sup>	73.7	57.2	—	90.2	5.5	BS-600M <sup>15</sup>	75.3	58.5	—	92.1	5.6		
		BS-300 <sup>6</sup>	74.5	57.7	—	91.3	5.6	BS-620M <sup>16</sup>	75.3	58.5	—	92.1	5.6		
		BS-330E <sup>7</sup>	74.5	57.7	—	91.3	5.6	BS-800 <sup>17</sup>	76.1	59.0	—	93.2	5.7		
		BS-360E <sup>8</sup>	76.1	59.0	—	93.2	5.7	BS-2000 <sup>18</sup>	77.2	59.8	—	94.6	5.8		
	mg/dL	BS-380 <sup>9</sup>	74.5	57.7	—	91.3	5.6	BS-2800M <sup>19</sup>	75.3	58.5	—	92.1	5.6		
		BS-120 <sup>1</sup>	4.25	3.30	—	5.19	0.32	BS-400 <sup>10</sup>	4.36	3.37	—	5.34	0.33		
		BS-200 <sup>2</sup>	4.27	3.30	—	5.23	0.32	BS-430 <sup>11</sup>	4.45	3.45	—	5.45	0.33		
		BS-200E <sup>3</sup>	4.36	3.37	—	5.34	0.33	BS-480 <sup>13</sup>	4.35	3.36	—	5.33	0.33		
		BS-240 <sup>4</sup>	4.30	3.34	—	5.27	0.32	BS-600 <sup>14</sup>	4.45	3.45	—	5.45	0.33		
		BS-240E <sup>5</sup>	4.31	3.35	—	5.27	0.32	BS-600M <sup>15</sup>	4.40	3.42	—	5.39	0.33		
		BS-300 <sup>6</sup>	4.36	3.37	—	5.34	0.33	BS-620M <sup>16</sup>	4.40	3.42	—	5.39	0.33		
		BS-330E <sup>7</sup>	4.36	3.37	—	5.34	0.33	BS-800 <sup>17</sup>	4.45	3.45	—	5.45	0.33		
		BS-360E <sup>8</sup>	4.45	3.45	—	5.45	0.33	BS-2000 <sup>18</sup>	4.51	3.50	—	5.53	0.34		
		BS-380 <sup>9</sup>	4.36	3.37	—	5.34	0.33	BS-2800M <sup>19</sup>	4.40	3.42	—	5.39	0.33		
		<b>Bil-T (VOX)</b>	μmol/L	BS-120 <sup>1</sup>	64.3	49.9	—	78.7	4.8	BS-400 <sup>10</sup>	64.3	49.9	—	78.7	4.8
				BS-200 <sup>2</sup>	64.3	49.9	—	78.7	4.8	BS-430 <sup>11</sup>	64.7	50.0	—	79.4	4.9
BS-200E <sup>3</sup>	64.3			49.9	—	78.7	4.8	BS-480 <sup>13</sup>	64.7	50.0	—	79.4	4.9		
BS-240 <sup>4</sup>	63.6			49.2	—	78.0	4.8	BS-600 <sup>14</sup>	64.7	50.0	—	79.4	4.9		
BS-240E <sup>5</sup>	64.7			50.0	—	79.4	4.9	BS-600M <sup>15</sup>	65.5	50.8	—	80.2	4.9		
BS-300 <sup>6</sup>	64.3			49.9	—	78.7	4.8	BS-620M <sup>16</sup>	65.5	50.8	—	80.2	4.9		
BS-330E <sup>7</sup>	64.3			49.9	—	78.7	4.8	BS-800 <sup>17</sup>	64.7	50.0	—	79.4	4.9		
BS-360E <sup>8</sup>	64.7			50.0	—	79.4	4.9	BS-2000 <sup>18</sup>	65.1	50.4	—	79.8	4.9		
BS-380 <sup>9</sup>	64.3			49.9	—	78.7	4.8	BS-2800M <sup>19</sup>	65.5	50.8	—	80.2	4.9		
mg/dL	BS-120 <sup>1</sup>		3.76	2.92	—	4.60	0.28	BS-400 <sup>10</sup>	3.76	2.92	—	4.60	0.28		
	BS-200 <sup>2</sup>		3.76	2.92	—	4.60	0.28	BS-430 <sup>11</sup>	3.78	2.92	—	4.64	0.29		
	BS-200E <sup>3</sup>		3.76	2.92	—	4.60	0.28	BS-480 <sup>13</sup>	3.78	2.92	—	4.64	0.29		
	BS-240 <sup>4</sup>		3.72	2.88	—	4.56	0.28	BS-600 <sup>14</sup>	3.78	2.92	—	4.64	0.29		
	BS-240E <sup>5</sup>		3.78	2.92	—	4.64	0.29	BS-600M <sup>15</sup>	3.83	2.97	—	4.69	0.29		
	BS-300 <sup>6</sup>		3.76	2.92	—	4.60	0.28	BS-620M <sup>16</sup>	3.83	2.97	—	4.69	0.29		
	BS-330E <sup>7</sup>		3.76	2.92	—	4.60	0.28	BS-800 <sup>17</sup>	3.78	2.92	—	4.64	0.29		
	BS-360E <sup>8</sup>		3.78	2.92	—	4.64	0.29	BS-2000 <sup>18</sup>	3.81	2.95	—	4.67	0.29		
	BS-380 <sup>9</sup>		3.76	2.92	—	4.60	0.28	BS-2800M <sup>19</sup>	3.83	2.97	—	4.69	0.29		
<b>Ca</b>	mmol/L	BS-120 <sup>1</sup>	3.14	2.78	—	3.50	0.12	BS-400 <sup>10</sup>	3.32	2.93	—	3.71	0.13		
		BS-200 <sup>2</sup>	3.18	2.82	—	3.54	0.12	BS-430 <sup>11</sup>	3.26	2.90	—	3.62	0.12		
		BS-200E <sup>3</sup>	3.13	2.77	—	3.49	0.12	BS-480 <sup>13</sup>	3.26	2.90	—	3.62	0.12		
		BS-240 <sup>4</sup>	3.23	2.87	—	3.59	0.12	BS-600 <sup>14</sup>	3.20	2.84	—	3.56	0.12		
		BS-240E <sup>5</sup>	3.18	2.82	—	3.54	0.12	BS-600M <sup>15</sup>	3.28	2.92	—	3.64	0.12		
		BS-300 <sup>6</sup>	3.24	2.88	—	3.60	0.12	BS-620M <sup>16</sup>	3.28	2.92	—	3.64	0.12		
		BS-330E <sup>7</sup>	3.13	2.77	—	3.49	0.12	BS-800 <sup>17</sup>	3.25	2.89	—	3.61	0.12		
		BS-360E <sup>8</sup>	3.15	2.79	—	3.51	0.12	BS-2000 <sup>18</sup>	3.25	2.89	—	3.61	0.12		
		BS-380 <sup>9</sup>	3.29	2.90	—	3.68	0.13	BS-2800M <sup>19</sup>	3.21	2.85	—	3.57	0.12		
	mg/dL	BS-120 <sup>1</sup>	12.6	11.1	—	14.0	0.5	BS-400 <sup>10</sup>	13.3	11.7	—	14.9	0.5		
		BS-200 <sup>2</sup>	12.8	11.3	—	14.2	0.5	BS-430 <sup>11</sup>	13.1	11.6	—	14.5	0.5		
		BS-200E <sup>3</sup>	12.6	11.1	—	14.0	0.5	BS-480 <sup>13</sup>	13.1	11.6	—	14.5	0.5		
		BS-240 <sup>4</sup>	13.0	11.5	—	14.4	0.5	BS-600 <sup>14</sup>	12.8	11.4	—	14.3	0.5		
		BS-240E <sup>5</sup>	12.8	11.3	—	14.2	0.5	BS-600M <sup>15</sup>	13.2	11.7	—	14.6	0.5		
		BS-300 <sup>6</sup>	13.0	11.5	—	14.4	0.5	BS-620M <sup>16</sup>	13.2	11.7	—	14.6	0.5		
		BS-330E <sup>7</sup>	12.6	11.1	—	14.0	0.5	BS-800 <sup>17</sup>	13.0	11.6	—	14.5	0.5		
		BS-360E <sup>8</sup>	12.6	11.2	—	14.1	0.5	BS-2000 <sup>18</sup>	13.0	11.6	—	14.5	0.5		
		BS-380 <sup>9</sup>	13.2	11.6	—	14.8	0.5	BS-2800M <sup>19</sup>	12.9	11.4	—	14.3	0.5		
	BS-120 <sup>1</sup>	4.52	3.92	—	5.12	0.20	BS-400 <sup>10</sup>	4.53	3.93	—	5.13	0.20			
	BS-200 <sup>2</sup>	4.39	3.79	—	4.99	0.20	BS-430 <sup>11</sup>	4.51	3.91	—	5.11	0.20			
	BS-200E <sup>3</sup>	4.53	3.93	—	5.13	0.20	BS-480 <sup>13</sup>	4.51	3.91	—	5.11	0.20			
	BS-240 <sup>4</sup>	4.49	3.89	—	5.09	0.20	BS-600 <sup>14</sup>	4.51	3.91	—	5.11	0.20			



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>	4.41	3.81	—	5.01	0.20	BS-600M <sup>15</sup>	4.50	3.90	—	5.10	0.20		
		BS-300 <sup>6</sup>	4.52	3.92	—	5.12	0.20	BS-620M <sup>16</sup>	4.50	3.90	—	5.10	0.20		
		BS-330E <sup>7</sup>	4.53	3.93	—	5.13	0.20	BS-800 <sup>17</sup>	4.51	3.91	—	5.11	0.20		
		BS-360E <sup>8</sup>	4.43	3.83	—	5.03	0.20	BS-2000 <sup>18</sup>	4.49	3.89	—	5.09	0.20		
		BS-380 <sup>9</sup>	4.53	3.93	—	5.13	0.20	BS-2800M <sup>19</sup>	4.50	3.90	—	5.10	0.20		
		BS-120 <sup>1</sup>	175	152	—	198	8	BS-400 <sup>10</sup>	175	152	—	198	8		
		BS-200 <sup>2</sup>	170	147	—	193	8	BS-430 <sup>11</sup>	174	151	—	198	8		
		BS-200E <sup>3</sup>	175	152	—	198	8	BS-480 <sup>13</sup>	174	151	—	198	8		
		BS-240 <sup>4</sup>	174	150	—	197	8	BS-600 <sup>14</sup>	174	151	—	198	8		
	mg/dL	BS-240E <sup>5</sup>	170	147	—	194	8	BS-600M <sup>15</sup>	174	151	—	197	8		
		BS-300 <sup>6</sup>	175	152	—	198	8	BS-620M <sup>16</sup>	174	151	—	197	8		
		BS-330E <sup>7</sup>	175	152	—	198	8	BS-800 <sup>17</sup>	174	151	—	198	8		
		BS-360E <sup>8</sup>	171	148	—	194	8	BS-2000 <sup>18</sup>	174	150	—	197	8		
		BS-380 <sup>9</sup>	175	152	—	198	8	BS-2800M <sup>19</sup>	174	151	—	197	8		
		HDL-C	mmol/L	BS-120 <sup>1</sup>	1.43	1.10	—	1.76	0.11	BS-400 <sup>10</sup>	1.46	1.13	—	1.79	0.11
				BS-200 <sup>2</sup>	1.36	1.06	—	1.66	0.10	BS-430 <sup>11</sup>	1.42	1.09	—	1.75	0.11
				BS-200E <sup>3</sup>	1.41	1.08	—	1.74	0.11	BS-480 <sup>13</sup>	1.43	1.10	—	1.76	0.11
				BS-240 <sup>4</sup>	1.42	1.09	—	1.75	0.11	BS-600 <sup>14</sup>	1.44	1.11	—	1.77	0.11
BS-240E <sup>5</sup>	1.35			1.05	—	1.65	0.10	BS-600M <sup>15</sup>	1.44	1.11	—	1.77	0.11		
BS-300 <sup>6</sup>	1.44			1.11	—	1.77	0.11	BS-620M <sup>16</sup>	1.44	1.11	—	1.77	0.11		
BS-330E <sup>7</sup>	1.41			1.08	—	1.74	0.11	BS-800 <sup>17</sup>	1.44	1.11	—	1.77	0.11		
BS-360E <sup>8</sup>	1.37			1.07	—	1.67	0.10	BS-2000 <sup>18</sup>	1.40	1.07	—	1.73	0.11		
BS-380 <sup>9</sup>	1.46			1.13	—	1.79	0.11	BS-2800M <sup>19</sup>	1.43	1.10	—	1.76	0.11		
mg/dL	BS-120 <sup>1</sup>		55.3	42.5	—	68.0	4.3	BS-400 <sup>10</sup>	56.4	43.7	—	69.2	4.3		
	BS-200 <sup>2</sup>		52.6	41.0	—	64.2	3.9	BS-430 <sup>11</sup>	54.9	42.1	—	67.7	4.3		
	BS-200E <sup>3</sup>		54.5	41.8	—	67.3	4.3	BS-480 <sup>13</sup>	55.3	42.5	—	68.0	4.3		
	BS-240 <sup>4</sup>		54.9	42.1	—	67.7	4.3	BS-600 <sup>14</sup>	55.7	42.9	—	68.4	4.3		
	BS-240E <sup>5</sup>		52.2	40.6	—	63.8	3.9	BS-600M <sup>15</sup>	55.7	42.9	—	68.4	4.3		
	BS-300 <sup>6</sup>		55.7	42.9	—	68.4	4.3	BS-620M <sup>16</sup>	55.7	42.9	—	68.4	4.3		
	BS-330E <sup>7</sup>		54.5	41.8	—	67.3	4.3	BS-800 <sup>17</sup>	55.7	42.9	—	68.4	4.3		
	BS-360E <sup>8</sup>		53.0	41.4	—	64.6	3.9	BS-2000 <sup>18</sup>	54.1	41.4	—	66.9	4.3		
	BS-380 <sup>9</sup>		56.4	43.7	—	69.2	4.3	BS-2800M <sup>19</sup>	55.3	42.5	—	68.0	4.3		
LDL-C	mmol/L	BS-120 <sup>1</sup>	2.70	2.10	—	3.30	0.20	BS-400 <sup>10</sup>	2.73	2.13	—	3.33	0.20		
		BS-200 <sup>2</sup>	2.69	2.09	—	3.29	0.20	BS-430 <sup>11</sup>	2.80	2.17	—	3.43	0.21		
		BS-200E <sup>3</sup>	2.75	2.12	—	3.38	0.21	BS-480 <sup>13</sup>	2.82	2.19	—	3.45	0.21		
		BS-240 <sup>4</sup>	2.64	2.04	—	3.24	0.20	BS-600 <sup>14</sup>	2.79	2.16	—	3.42	0.21		
		BS-240E <sup>5</sup>	2.73	2.13	—	3.33	0.20	BS-600M <sup>15</sup>	2.81	2.18	—	3.44	0.21		
		BS-300 <sup>6</sup>	2.78	2.15	—	3.41	0.21	BS-620M <sup>16</sup>	2.81	2.18	—	3.44	0.21		
		BS-330E <sup>7</sup>	2.75	2.12	—	3.38	0.21	BS-800 <sup>17</sup>	2.84	2.21	—	3.47	0.21		
		BS-360E <sup>8</sup>	2.84	2.21	—	3.47	0.21	BS-2000 <sup>18</sup>	2.77	2.14	—	3.40	0.21		
		BS-380 <sup>9</sup>	2.75	2.12	—	3.38	0.21	BS-2800M <sup>19</sup>	2.81	2.18	—	3.44	0.21		
	mg/dL	BS-120 <sup>1</sup>	104	81	—	128	8	BS-400 <sup>10</sup>	106	82	—	129	8		
		BS-200 <sup>2</sup>	104	81	—	127	8	BS-430 <sup>11</sup>	108	84	—	133	8		
		BS-200E <sup>3</sup>	106	82	—	131	8	BS-480 <sup>13</sup>	109	85	—	133	8		
		BS-240 <sup>4</sup>	102	79	—	125	8	BS-600 <sup>14</sup>	108	84	—	132	8		
		BS-240E <sup>5</sup>	106	82	—	129	8	BS-600M <sup>15</sup>	109	84	—	133	8		
		BS-300 <sup>6</sup>	107	83	—	132	8	BS-620M <sup>16</sup>	109	84	—	133	8		
		BS-330E <sup>7</sup>	106	82	—	131	8	BS-800 <sup>17</sup>	110	85	—	134	8		
		BS-360E <sup>8</sup>	110	85	—	134	8	BS-2000 <sup>18</sup>	107	83	—	131	8		
		BS-380 <sup>9</sup>	106	82	—	131	8	BS-2800M <sup>19</sup>	109	84	—	133	8		
U/L	BS-120 <sup>1</sup>	258	219	—	297	13	BS-400 <sup>10</sup>	259	220	—	298	13			
	BS-200 <sup>2</sup>	259	220	—	298	13	BS-430 <sup>11</sup>	261	222	—	300	13			
	BS-200E <sup>3</sup>	258	219	—	297	13	BS-480 <sup>13</sup>	258	219	—	297	13			
	BS-240 <sup>4</sup>	267	228	—	306	13	BS-600 <sup>14</sup>	261	222	—	300	13			
	BS-240E <sup>5</sup>	261	222	—	300	13	BS-600M <sup>15</sup>	260	221	—	299	13			
	BS-300 <sup>6</sup>	259	220	—	298	13	BS-620M <sup>16</sup>	260	221	—	299	13			

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>	258	219	—	297	13	BS-800 <sup>17</sup>	261	222	—	300	13
		BS-360E <sup>8</sup>	261	222	—	300	13	BS-2000 <sup>18</sup>	260	221	—	299	13
		BS-380 <sup>9</sup>	259	220	—	298	13	BS-2800M <sup>19</sup>	260	221	—	299	13
		BS-120 <sup>1</sup>	4.31	3.66	—	4.96	0.22	BS-400 <sup>10</sup>	4.33	3.67	—	4.98	0.22
		BS-200 <sup>2</sup>	4.33	3.67	—	4.98	0.22	BS-430 <sup>11</sup>	4.36	3.71	—	5.01	0.22
		BS-200E <sup>3</sup>	4.31	3.66	—	4.96	0.22	BS-480 <sup>13</sup>	4.31	3.66	—	4.96	0.22
		BS-240 <sup>4</sup>	4.46	3.81	—	5.11	0.22	BS-600 <sup>14</sup>	4.36	3.71	—	5.01	0.22
		BS-240E <sup>5</sup>	4.36	3.71	—	5.01	0.22	BS-600M <sup>15</sup>	4.34	3.69	—	4.99	0.22
		BS-300 <sup>6</sup>	4.33	3.67	—	4.98	0.22	BS-620M <sup>16</sup>	4.34	3.69	—	4.99	0.22
		BS-330E <sup>7</sup>	4.31	3.66	—	4.96	0.22	BS-800 <sup>17</sup>	4.36	3.71	—	5.01	0.22
		BS-360E <sup>8</sup>	4.36	3.71	—	5.01	0.22	BS-2000 <sup>18</sup>	4.34	3.69	—	4.99	0.22
		BS-380 <sup>9</sup>	4.33	3.67	—	4.98	0.22	BS-2800M <sup>19</sup>	4.34	3.69	—	4.99	0.22
CK-MB	U/L	BS-120 <sup>1</sup>	95.6	74.0	—	117.2	7.2	BS-400 <sup>10</sup>	98.6	76.4	—	120.8	7.4
		BS-200 <sup>2</sup>	94.2	72.9	—	115.5	7.1	BS-430 <sup>11</sup>	97.1	75.2	—	119.0	7.3
		BS-200E <sup>3</sup>	95.6	74.0	—	117.2	7.2	BS-480 <sup>13</sup>	97.4	75.5	—	119.3	7.3
		BS-240 <sup>4</sup>	93.6	72.6	—	114.6	7.0	BS-600 <sup>14</sup>	98.2	76.0	—	120.4	7.4
		BS-240E <sup>5</sup>	97.6	75.7	—	119.5	7.3	BS-600M <sup>15</sup>	99.6	77.1	—	122.1	7.5
		BS-300 <sup>6</sup>	100	76	—	124	8	BS-620M <sup>16</sup>	99.6	77.1	—	122.1	7.5
		BS-330E <sup>7</sup>	95.6	74.0	—	117.2	7.2	BS-800 <sup>17</sup>	98.4	76.2	—	120.6	7.4
		BS-360E <sup>8</sup>	98.4	76.2	—	120.6	7.4	BS-2000 <sup>18</sup>	98.0	75.8	—	120.2	7.4
		BS-380 <sup>9</sup>	99.3	77.1	—	121.5	7.4	BS-2800M <sup>19</sup>	99.0	76.8	—	121.2	7.4
		BS-120 <sup>1</sup>	1.60	1.24	—	1.96	0.12	BS-400 <sup>10</sup>	1.65	1.28	—	2.02	0.12
		BS-200 <sup>2</sup>	1.57	1.22	—	1.93	0.12	BS-430 <sup>11</sup>	1.62	1.26	—	1.99	0.12
		BS-200E <sup>3</sup>	1.60	1.24	—	1.96	0.12	BS-480 <sup>13</sup>	1.63	1.26	—	1.99	0.12
CREA (SOX)	μmol/L	BS-240 <sup>4</sup>	1.56	1.21	—	1.91	0.12	BS-600 <sup>14</sup>	1.64	1.27	—	2.01	0.12
		BS-240E <sup>5</sup>	1.63	1.26	—	2.00	0.12	BS-600M <sup>15</sup>	1.66	1.29	—	2.04	0.13
		BS-300 <sup>6</sup>	1.67	1.27	—	2.07	0.13	BS-620M <sup>16</sup>	1.66	1.29	—	2.04	0.13
		BS-330E <sup>7</sup>	1.60	1.24	—	1.96	0.12	BS-800 <sup>17</sup>	1.64	1.27	—	2.01	0.12
		BS-360E <sup>8</sup>	1.64	1.27	—	2.01	0.12	BS-2000 <sup>18</sup>	1.64	1.27	—	2.01	0.12
		BS-380 <sup>9</sup>	1.66	1.29	—	2.03	0.12	BS-2800M <sup>19</sup>	1.65	1.28	—	2.02	0.12
		BS-120 <sup>1</sup>	373	316	—	430	19	BS-400 <sup>10</sup>	375	318	—	432	19
		BS-200 <sup>2</sup>	370	313	—	427	19	BS-430 <sup>11</sup>	377	320	—	434	19
		BS-200E <sup>3</sup>	381	324	—	438	19	BS-480 <sup>13</sup>	372	315	—	429	19
		BS-240 <sup>4</sup>	371	314	—	428	19	BS-600 <sup>14</sup>	378	321	—	435	19
		BS-240E <sup>5</sup>	370	313	—	427	19	BS-600M <sup>15</sup>	377	320	—	434	19
		BS-300 <sup>6</sup>	369	315	—	423	18	BS-620M <sup>16</sup>	301	256	—	346	15
CREA (SOX)	mg/dL	BS-330E <sup>7</sup>	381	324	—	438	19	BS-800 <sup>17</sup>	303	258	—	348	15
		BS-360E <sup>8</sup>	365	311	—	419	18	BS-2000 <sup>18</sup>	300	255	—	345	15
		BS-380 <sup>9</sup>	375	318	—	432	19	BS-2800M <sup>19</sup>	301	256	—	346	15
		BS-120 <sup>1</sup>	4.22	3.57	—	4.86	0.21	BS-400 <sup>10</sup>	4.24	3.60	—	4.89	0.21
		BS-200 <sup>2</sup>	4.19	3.54	—	4.83	0.21	BS-430 <sup>11</sup>	4.26	3.62	—	4.91	0.21
		BS-200E <sup>3</sup>	4.31	3.67	—	4.95	0.21	BS-480 <sup>13</sup>	4.21	3.56	—	4.85	0.21
		BS-240 <sup>4</sup>	4.20	3.55	—	4.84	0.21	BS-600 <sup>14</sup>	4.28	3.63	—	4.92	0.21
		BS-240E <sup>5</sup>	4.19	3.54	—	4.83	0.21	BS-600M <sup>15</sup>	4.26	3.62	—	4.91	0.21
		BS-300 <sup>6</sup>	4.17	3.56	—	4.79	0.20	BS-620M <sup>16</sup>	3.40	2.90	—	3.91	0.17
		BS-330E <sup>7</sup>	4.31	3.67	—	4.95	0.21	BS-800 <sup>17</sup>	3.43	2.92	—	3.94	0.17
		BS-360E <sup>8</sup>	4.13	3.52	—	4.74	0.20	BS-2000 <sup>18</sup>	3.39	2.88	—	3.90	0.17
		BS-380 <sup>9</sup>	4.24	3.60	—	4.89	0.21	BS-2800M <sup>19</sup>	3.40	2.90	—	3.91	0.17
CREA (SOX)	mmol/L	BS-120 <sup>1</sup>	13.5	11.4	—	15.6	0.7	BS-400 <sup>10</sup>	13.9	11.8	—	16.0	0.7
		BS-200 <sup>2</sup>	13.7	11.6	—	15.8	0.7	BS-430 <sup>11</sup>	13.9	11.8	—	16.0	0.7
		BS-200E <sup>3</sup>	14.1	12.0	—	16.2	0.7	BS-480 <sup>13</sup>	13.6	11.5	—	15.7	0.7
		BS-240 <sup>4</sup>	13.6	11.5	—	15.7	0.7	BS-600 <sup>14</sup>	13.7	11.6	—	15.8	0.7
		BS-240E <sup>5</sup>	13.5	11.4	—	15.6	0.7	BS-600M <sup>15</sup>	13.6	11.5	—	15.7	0.7
		BS-300 <sup>6</sup>	13.9	11.8	—	16.0	0.7	BS-620M <sup>16</sup>	13.6	11.5	—	15.7	0.7
		BS-330E <sup>7</sup>	14.1	12.0	—	16.2	0.7	BS-800 <sup>17</sup>	13.8	11.7	—	15.9	0.7
		BS-360E <sup>8</sup>	13.6	11.5	—	15.7	0.7	BS-2000 <sup>18</sup>	13.8	11.7	—	15.9	0.7

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>	13.9	11.8	—	16.0	0.7	BS-2800M <sup>19</sup>	13.6	11.5	—	15.7	0.7
		BS-120 <sup>1</sup>	243	205	—	281	13	BS-400 <sup>10</sup>	250	213	—	288	13
		BS-200 <sup>2</sup>	247	209	—	285	13	BS-430 <sup>11</sup>	250	213	—	288	13
		BS-200E <sup>3</sup>	254	216	—	292	13	BS-480 <sup>13</sup>	245	207	—	283	13
		BS-240 <sup>4</sup>	245	207	—	283	13	BS-600 <sup>14</sup>	247	209	—	285	13
		BS-240E <sup>5</sup>	243	205	—	281	13	BS-600M <sup>15</sup>	245	207	—	283	13
		BS-300 <sup>6</sup>	250	213	—	288	13	BS-620M <sup>16</sup>	245	207	—	283	13
		BS-330E <sup>7</sup>	254	216	—	292	13	BS-800 <sup>17</sup>	249	211	—	286	13
		BS-360E <sup>8</sup>	245	207	—	283	13	BS-2000 <sup>18</sup>	249	211	—	286	13
		BS-380 <sup>9</sup>	250	213	—	288	13	BS-2800M <sup>19</sup>	245	207	—	283	13
Glu (HK)	mmol/L	BS-120 <sup>1</sup>	13.7	11.6	—	15.8	0.7	BS-400 <sup>10</sup>	14.0	11.9	—	16.1	0.7
		BS-200 <sup>2</sup>	13.7	11.6	—	15.8	0.7	BS-430 <sup>11</sup>	14.0	11.9	—	16.1	0.7
		BS-200E <sup>3</sup>	13.9	11.8	—	16.0	0.7	BS-480 <sup>13</sup>	13.8	11.7	—	15.9	0.7
		BS-240 <sup>4</sup>	13.9	11.8	—	16.0	0.7	BS-600 <sup>14</sup>	13.9	11.8	—	16.0	0.7
		BS-240E <sup>5</sup>	13.7	11.6	—	15.8	0.7	BS-600M <sup>15</sup>	14.1	12.0	—	16.2	0.7
		BS-300 <sup>6</sup>	14.0	11.9	—	16.1	0.7	BS-620M <sup>16</sup>	14.1	12.0	—	16.2	0.7
		BS-330E <sup>7</sup>	13.9	11.8	—	16.0	0.7	BS-800 <sup>17</sup>	14.0	11.9	—	16.1	0.7
		BS-360E <sup>8</sup>	13.6	11.5	—	15.7	0.7	BS-2000 <sup>18</sup>	13.8	11.7	—	15.9	0.7
		BS-380 <sup>9</sup>	14.2	12.1	—	16.3	0.7	BS-2800M <sup>19</sup>	13.9	11.8	—	16.0	0.7
		Glu (HK)	mg/dL	BS-120 <sup>1</sup>	247	209	—	285	13	BS-400 <sup>10</sup>	252	214	—
BS-200 <sup>2</sup>	247			209	—	285	13	BS-430 <sup>11</sup>	252	214	—	290	13
BS-200E <sup>3</sup>	250			213	—	288	13	BS-480 <sup>13</sup>	249	211	—	286	13
BS-240 <sup>4</sup>	250			213	—	288	13	BS-600 <sup>14</sup>	250	213	—	288	13
BS-240E <sup>5</sup>	247			209	—	285	13	BS-600M <sup>15</sup>	254	216	—	292	13
BS-300 <sup>6</sup>	252			214	—	290	13	BS-620M <sup>16</sup>	254	216	—	292	13
BS-330E <sup>7</sup>	250			213	—	288	13	BS-800 <sup>17</sup>	252	214	—	290	13
BS-360E <sup>8</sup>	245			207	—	283	13	BS-2000 <sup>18</sup>	249	211	—	286	13
BS-380 <sup>9</sup>	256			218	—	294	13	BS-2800M <sup>19</sup>	250	213	—	288	13
GGT	U/L			BS-120 <sup>1</sup>	198	168	—	228	10	BS-400 <sup>10</sup>	201	171	—
		BS-200 <sup>2</sup>	198	168	—	228	10	BS-430 <sup>11</sup>	201	171	—	231	10
		BS-200E <sup>3</sup>	206	176	—	236	10	BS-480 <sup>13</sup>	201	171	—	231	10
		BS-240 <sup>4</sup>	198	168	—	228	10	BS-600 <sup>14</sup>	201	171	—	231	10
		BS-240E <sup>5</sup>	199	169	—	229	10	BS-600M <sup>15</sup>	201	171	—	231	10
		BS-300 <sup>6</sup>	201	171	—	231	10	BS-620M <sup>16</sup>	201	171	—	231	10
		BS-330E <sup>7</sup>	206	176	—	236	10	BS-800 <sup>17</sup>	201	171	—	231	10
		BS-360E <sup>8</sup>	202	172	—	232	10	BS-2000 <sup>18</sup>	201	171	—	231	10
		BS-380 <sup>9</sup>	201	171	—	231	10	BS-2800M <sup>19</sup>	201	171	—	231	10
		GGT	μkat/L	BS-120 <sup>1</sup>	3.31	2.81	—	3.81	0.17	BS-400 <sup>10</sup>	3.36	2.86	—
BS-200 <sup>2</sup>	3.31			2.81	—	3.81	0.17	BS-430 <sup>11</sup>	3.36	2.86	—	3.86	0.17
BS-200E <sup>3</sup>	3.44			2.94	—	3.94	0.17	BS-480 <sup>13</sup>	3.36	2.86	—	3.86	0.17
BS-240 <sup>4</sup>	3.31			2.81	—	3.81	0.17	BS-600 <sup>14</sup>	3.36	2.86	—	3.86	0.17
BS-240E <sup>5</sup>	3.32			2.82	—	3.82	0.17	BS-600M <sup>15</sup>	3.36	2.86	—	3.86	0.17
BS-300 <sup>6</sup>	3.36			2.86	—	3.86	0.17	BS-620M <sup>16</sup>	3.36	2.86	—	3.86	0.17
BS-330E <sup>7</sup>	3.44			2.94	—	3.94	0.17	BS-800 <sup>17</sup>	3.36	2.86	—	3.86	0.17
BS-360E <sup>8</sup>	3.37			2.87	—	3.87	0.17	BS-2000 <sup>18</sup>	3.36	2.86	—	3.86	0.17
BS-380 <sup>9</sup>	3.36			2.86	—	3.86	0.17	BS-2800M <sup>19</sup>	3.36	2.86	—	3.86	0.17
α-HBDH	U/L			BS-120 <sup>1</sup>	307	262	—	352	15	BS-400 <sup>10</sup>	307	262	—
		BS-200 <sup>2</sup>	304	259	—	349	15	BS-430 <sup>11</sup>	307	262	—	352	15
		BS-200E <sup>3</sup>	307	262	—	352	15	BS-480 <sup>13</sup>	307	262	—	352	15
		BS-240 <sup>4</sup>	306	261	—	351	15	BS-600 <sup>14</sup>	307	262	—	352	15
		BS-240E <sup>5</sup>	307	262	—	352	15	BS-600M <sup>15</sup>	310	262	—	358	16
		BS-300 <sup>6</sup>	307	262	—	352	15	BS-620M <sup>16</sup>	310	262	—	358	16
		BS-330E <sup>7</sup>	307	262	—	352	15	BS-800 <sup>17</sup>	307	262	—	352	15
		BS-360E <sup>8</sup>	307	262	—	352	15	BS-2000 <sup>18</sup>	309	264	—	354	15
		BS-380 <sup>9</sup>	307	262	—	352	15	BS-2800M <sup>19</sup>	310	262	—	358	16
		BS-120 <sup>1</sup>	5.13	4.38	—	5.88	0.25	BS-400 <sup>10</sup>	5.13	4.38	—	5.88	0.25



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>	5.08	4.33	—	5.83	0.25	BS-430 <sup>11</sup>	5.13	4.38	—	5.88	0.25
		BS-200E <sup>3</sup>	5.13	4.38	—	5.88	0.25	BS-480 <sup>13</sup>	5.13	4.38	—	5.88	0.25
		BS-240 <sup>4</sup>	5.11	4.36	—	5.86	0.25	BS-600 <sup>14</sup>	5.13	4.38	—	5.88	0.25
		BS-240E <sup>5</sup>	5.13	4.38	—	5.88	0.25	BS-600M <sup>15</sup>	5.18	4.38	—	5.98	0.27
		BS-300 <sup>6</sup>	5.13	4.38	—	5.88	0.25	BS-620M <sup>16</sup>	5.18	4.38	—	5.98	0.27
		BS-330E <sup>7</sup>	5.13	4.38	—	5.88	0.25	BS-800 <sup>17</sup>	5.13	4.38	—	5.88	0.25
		BS-360E <sup>8</sup>	5.13	4.38	—	5.88	0.25	BS-2000 <sup>18</sup>	5.16	4.41	—	5.91	0.25
		BS-380 <sup>9</sup>	5.13	4.38	—	5.88	0.25	BS-2800M <sup>19</sup>	5.18	4.38	—	5.98	0.27
		BS-120 <sup>1</sup>	1.94	1.49	—	2.39	0.15	BS-400 <sup>10</sup>	1.90	1.48	—	2.32	0.14
ApoA1	g/L	BS-200 <sup>2</sup>	1.94	1.49	—	2.39	0.15	BS-430 <sup>11</sup>	1.86	1.44	—	2.28	0.14
		BS-200E <sup>3</sup>	1.94	1.49	—	2.39	0.15	BS-480 <sup>13</sup>	1.83	1.41	—	2.25	0.14
		BS-240 <sup>4</sup>	1.79	1.40	—	2.18	0.13	BS-600 <sup>14</sup>	1.89	1.47	—	2.31	0.14
		BS-240E <sup>5</sup>	1.84	1.42	—	2.26	0.14	BS-600M <sup>15</sup>	1.79	1.40	—	2.18	0.13
		BS-300 <sup>6</sup>	1.89	1.47	—	2.31	0.14	BS-620M <sup>16</sup>	1.79	1.40	—	2.18	0.13
		BS-330E <sup>7</sup>	1.94	1.49	—	2.39	0.15	BS-800 <sup>17</sup>	1.78	1.39	—	2.17	0.13
		BS-360E <sup>8</sup>	1.84	1.42	—	2.26	0.14	BS-2000 <sup>18</sup>	1.82	1.40	—	2.24	0.14
		BS-380 <sup>9</sup>	1.82	1.40	—	2.24	0.14	BS-2800M <sup>19</sup>	1.79	1.40	—	2.18	0.13
		BS-120 <sup>1</sup>	69.3	53.2	—	85.3	5.4	BS-400 <sup>10</sup>	67.8	52.8	—	82.8	5.0
ApoA1	μmol/L	BS-200 <sup>2</sup>	69.3	53.2	—	85.3	5.4	BS-430 <sup>11</sup>	66.4	51.4	—	81.4	5.0
		BS-200E <sup>3</sup>	69.3	53.2	—	85.3	5.4	BS-480 <sup>13</sup>	65.3	50.3	—	80.3	5.0
		BS-240 <sup>4</sup>	63.9	50.0	—	77.8	4.6	BS-600 <sup>14</sup>	67.5	52.5	—	82.5	5.0
		BS-240E <sup>5</sup>	65.7	50.7	—	80.7	5.0	BS-600M <sup>15</sup>	63.9	50.0	—	77.8	4.6
		BS-300 <sup>6</sup>	67.5	52.5	—	82.5	5.0	BS-620M <sup>16</sup>	63.9	50.0	—	77.8	4.6
		BS-330E <sup>7</sup>	69.3	53.2	—	85.3	5.4	BS-800 <sup>17</sup>	63.5	49.6	—	77.5	4.6
		BS-360E <sup>8</sup>	65.7	50.7	—	80.7	5.0	BS-2000 <sup>18</sup>	65.0	50.0	—	80.0	5.0
		BS-380 <sup>9</sup>	65.0	50.0	—	80.0	5.0	BS-2800M <sup>19</sup>	63.9	50.0	—	77.8	4.6
		BS-120 <sup>1</sup>	0.821	0.635	—	1.007	0.062	BS-400 <sup>10</sup>	0.814	0.631	—	0.997	0.061
ApoB	g/L	BS-200 <sup>2</sup>	0.838	0.649	—	1.027	0.063	BS-430 <sup>11</sup>	0.844	0.655	—	1.033	0.063
		BS-200E <sup>3</sup>	0.876	0.678	—	1.074	0.066	BS-480 <sup>13</sup>	0.819	0.636	—	1.002	0.061
		BS-240 <sup>4</sup>	0.803	0.623	—	0.983	0.060	BS-600 <sup>14</sup>	0.818	0.635	—	1.001	0.061
		BS-240E <sup>5</sup>	0.859	0.667	—	1.051	0.064	BS-600M <sup>15</sup>	0.841	0.652	—	1.030	0.063
		BS-300 <sup>6</sup>	0.817	0.634	—	1.000	0.061	BS-620M <sup>16</sup>	0.841	0.652	—	1.030	0.063
		BS-330E <sup>7</sup>	0.876	0.678	—	1.074	0.066	BS-800 <sup>17</sup>	0.807	0.624	—	0.990	0.061
		BS-360E <sup>8</sup>	0.844	0.655	—	1.033	0.063	BS-2000 <sup>18</sup>	0.827	0.641	—	1.013	0.062
		BS-380 <sup>9</sup>	0.829	0.643	—	1.015	0.062	BS-2800M <sup>19</sup>	0.805	0.625	—	0.985	0.060
		BS-120 <sup>1</sup>	1.60	1.24	—	1.96	0.12	BS-400 <sup>10</sup>	1.59	1.23	—	1.94	0.12
ApoB	μmol/L	BS-200 <sup>2</sup>	1.63	1.27	—	2.00	0.12	BS-430 <sup>11</sup>	1.65	1.28	—	2.01	0.12
		BS-200E <sup>3</sup>	1.71	1.32	—	2.09	0.13	BS-480 <sup>13</sup>	1.60	1.24	—	1.95	0.12
		BS-240 <sup>4</sup>	1.57	1.21	—	1.92	0.12	BS-600 <sup>14</sup>	1.60	1.24	—	1.95	0.12
		BS-240E <sup>5</sup>	1.68	1.30	—	2.05	0.12	BS-600M <sup>15</sup>	1.64	1.27	—	2.01	0.12
		BS-300 <sup>6</sup>	1.59	1.24	—	1.95	0.12	BS-620M <sup>16</sup>	1.64	1.27	—	2.01	0.12
		BS-330E <sup>7</sup>	1.71	1.32	—	2.09	0.13	BS-800 <sup>17</sup>	1.57	1.22	—	1.93	0.12
		BS-360E <sup>8</sup>	1.65	1.28	—	2.01	0.12	BS-2000 <sup>18</sup>	1.61	1.25	—	1.98	0.12
		BS-380 <sup>9</sup>	1.62	1.25	—	1.98	0.12	BS-2800M <sup>19</sup>	1.57	1.22	—	1.92	0.12
		BS-120 <sup>1</sup>	1.49	1.19	—	1.79	0.10	BS-400 <sup>10</sup>	1.55	1.25	—	1.85	0.10
C3	g/L	BS-200 <sup>2</sup>	1.54	1.24	—	1.84	0.10	BS-430 <sup>11</sup>	1.52	1.22	—	1.82	0.10
		BS-200E <sup>3</sup>	1.59	1.26	—	1.92	0.11	BS-480 <sup>13</sup>	1.48	1.18	—	1.78	0.10
		BS-240 <sup>4</sup>	1.43	1.13	—	1.73	0.10	BS-600 <sup>14</sup>	1.50	1.20	—	1.80	0.10
		BS-240E <sup>5</sup>	1.57	1.24	—	1.90	0.11	BS-600M <sup>15</sup>	1.50	1.20	—	1.80	0.10
		BS-300 <sup>6</sup>	1.54	1.24	—	1.84	0.10	BS-620M <sup>16</sup>	1.50	1.20	—	1.80	0.10
		BS-330E <sup>7</sup>	1.59	1.26	—	1.92	0.11	BS-800 <sup>17</sup>	1.49	1.19	—	1.79	0.10
		BS-360E <sup>8</sup>	1.53	1.23	—	1.83	0.10	BS-2000 <sup>18</sup>	1.56	1.23	—	1.89	0.11
		BS-380 <sup>9</sup>	1.55	1.25	—	1.85	0.10	BS-2800M <sup>19</sup>	1.53	1.23	—	1.83	0.10
		BS-120 <sup>1</sup>	0.272	0.218	—	0.326	0.018	BS-400 <sup>10</sup>	0.269	0.215	—	0.323	0.018
C3	g/L	BS-200 <sup>2</sup>	0.253	0.202	—	0.304	0.017	BS-430 <sup>11</sup>	0.262	0.208	—	0.316	0.018
		BS-200E <sup>3</sup>	0.252	0.201	—	0.303	0.017	BS-480 <sup>13</sup>	0.258	0.207	—	0.309	0.017

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>	0.263	0.209	—	0.317	0.018	BS-600 <sup>14</sup>	0.259	0.208	—	0.310	0.017		
		BS-240E <sup>5</sup>	0.259	0.208	—	0.310	0.017	BS-600M <sup>15</sup>	0.264	0.210	—	0.318	0.018		
		BS-300 <sup>6</sup>	0.262	0.208	—	0.316	0.018	BS-620M <sup>16</sup>	0.264	0.210	—	0.318	0.018		
		BS-330E <sup>7</sup>	0.252	0.201	—	0.303	0.017	BS-800 <sup>17</sup>	0.258	0.207	—	0.309	0.017		
		BS-360E <sup>8</sup>	0.260	0.206	—	0.314	0.018	BS-2000 <sup>18</sup>	0.257	0.206	—	0.308	0.017		
		BS-380 <sup>9</sup>	0.267	0.213	—	0.321	0.018	BS-2800M <sup>19</sup>	0.262	0.208	—	0.316	0.018		
	μmol/L	BS-120 <sup>1</sup>	1.36	1.09	—	1.63	0.09	BS-400 <sup>10</sup>	1.35	1.08	—	1.62	0.09		
		BS-200 <sup>2</sup>	1.27	1.01	—	1.52	0.09	BS-430 <sup>11</sup>	1.31	1.04	—	1.58	0.09		
		BS-200E <sup>3</sup>	1.26	1.01	—	1.52	0.09	BS-480 <sup>13</sup>	1.29	1.04	—	1.55	0.09		
		BS-240 <sup>4</sup>	1.32	1.05	—	1.59	0.09	BS-600 <sup>14</sup>	1.30	1.04	—	1.55	0.09		
		BS-240E <sup>5</sup>	1.30	1.04	—	1.55	0.09	BS-600M <sup>15</sup>	1.32	1.05	—	1.59	0.09		
		BS-300 <sup>6</sup>	1.31	1.04	—	1.58	0.09	BS-620M <sup>16</sup>	1.32	1.05	—	1.59	0.09		
		BS-330E <sup>7</sup>	1.26	1.01	—	1.52	0.09	BS-800 <sup>17</sup>	1.29	1.04	—	1.55	0.09		
		BS-360E <sup>8</sup>	1.30	1.03	—	1.57	0.09	BS-2000 <sup>18</sup>	1.29	1.03	—	1.54	0.09		
		BS-380 <sup>9</sup>	1.34	1.07	—	1.61	0.09	BS-2800M <sup>19</sup>	1.31	1.04	—	1.58	0.09		
		<b>CRP II</b>	mg/L	BS-120 <sup>1</sup>	55.2	38.7	—	71.7	5.5	BS-400 <sup>10</sup>	56.1	39.3	—	72.9	5.6
				BS-200 <sup>2</sup>	55.5	38.7	—	72.3	5.6	BS-430 <sup>11</sup>	56.6	39.5	—	73.7	5.7
				BS-200E <sup>3</sup>	57.2	40.1	—	74.3	5.7	BS-480 <sup>13</sup>	56.2	39.4	—	73.0	5.6
BS-240 <sup>4</sup>	56.5			39.4	—	73.6	5.7	BS-600 <sup>14</sup>	56.6	39.5	—	73.7	5.7		
BS-240E <sup>5</sup>	55.2			38.7	—	71.7	5.5	BS-600M <sup>15</sup>	55.9	39.1	—	72.7	5.6		
BS-300 <sup>6</sup>	57.5			40.1	—	74.9	5.8	BS-620M <sup>16</sup>	55.9	39.1	—	72.7	5.6		
BS-330E <sup>7</sup>	57.2			40.1	—	74.3	5.7	BS-800 <sup>17</sup>	55.9	39.1	—	72.7	5.6		
BS-360E <sup>8</sup>	55.9			39.1	—	72.7	5.6	BS-2000 <sup>18</sup>	55.9	39.1	—	72.7	5.6		
BS-380 <sup>9</sup>	56.0			39.2	—	72.8	5.6								
nmol/L	BS-120 <sup>1</sup>		526	368	—	683	52	BS-400 <sup>10</sup>	534	374	—	694	53		
	BS-200 <sup>2</sup>		528	368	—	688	53	BS-430 <sup>11</sup>	539	376	—	702	54		
	BS-200E <sup>3</sup>		545	382	—	707	54	BS-480 <sup>13</sup>	535	375	—	695	53		
	BS-240 <sup>4</sup>		538	375	—	701	54	BS-600 <sup>14</sup>	539	376	—	702	54		
	BS-240E <sup>5</sup>		526	368	—	683	52	BS-600M <sup>15</sup>	532	372	—	692	53		
	BS-300 <sup>6</sup>		547	382	—	713	55	BS-620M <sup>16</sup>	532	372	—	692	53		
	BS-330E <sup>7</sup>		545	382	—	707	54	BS-800 <sup>17</sup>	532	372	—	692	53		
	BS-360E <sup>8</sup>		532	372	—	692	53	BS-2000 <sup>18</sup>	532	372	—	692	53		
	BS-380 <sup>9</sup>		533	373	—	693	53								
<b>IgA II</b>	g/L	BS-200 <sup>2</sup>	2.56	1.99	—	3.13	0.19	BS-430 <sup>11</sup>	2.53	1.96	—	3.10	0.19		
		BS-200E <sup>3</sup>	2.66	2.06	—	3.26	0.20	BS-480 <sup>13</sup>	2.49	1.92	—	3.06	0.19		
		BS-240 <sup>4</sup>	2.52	1.95	—	3.09	0.19	BS-600 <sup>14</sup>	2.46	1.92	—	3.00	0.18		
		BS-240E <sup>5</sup>	2.48	1.91	—	3.05	0.19	BS-600M <sup>15</sup>	2.42	1.88	—	2.96	0.18		
		BS-330E <sup>7</sup>	2.66	2.06	—	3.26	0.20	BS-620M <sup>16</sup>	2.42	1.88	—	2.96	0.18		
		BS-360E <sup>8</sup>	2.46	1.92	—	3.00	0.18	BS-800 <sup>17</sup>	2.45	1.91	—	2.99	0.18		
		BS-380 <sup>9</sup>	2.46	1.92	—	3.00	0.18	BS-2000 <sup>18</sup>	2.50	1.93	—	3.07	0.19		
		BS-400 <sup>10</sup>	2.47	1.90	—	3.04	0.19	BS-2800M <sup>19</sup>	2.49	1.92	—	3.06	0.19		
		μmol/L	BS-200 <sup>2</sup>	16.0	12.4	—	19.6	1.2	BS-430 <sup>11</sup>	15.8	12.3	—	19.4	1.2	
	BS-200E <sup>3</sup>		16.6	12.9	—	20.4	1.3	BS-480 <sup>13</sup>	15.6	12.0	—	19.1	1.2		
	BS-240 <sup>4</sup>		15.8	12.2	—	19.3	1.2	BS-600 <sup>14</sup>	15.4	12.0	—	18.8	1.1		
	BS-240E <sup>5</sup>		15.5	11.9	—	19.1	1.2	BS-600M <sup>15</sup>	15.1	11.8	—	18.5	1.1		
	BS-330E <sup>7</sup>		16.6	12.9	—	20.4	1.3	BS-620M <sup>16</sup>	15.1	11.8	—	18.5	1.1		
	BS-360E <sup>8</sup>		15.4	12.0	—	18.8	1.1	BS-800 <sup>17</sup>	15.3	11.9	—	18.7	1.1		
	BS-380 <sup>9</sup>		15.4	12.0	—	18.8	1.1	BS-2000 <sup>18</sup>	15.6	12.1	—	19.2	1.2		
	BS-400 <sup>10</sup>		15.4	11.9	—	19.0	1.2	BS-2800M <sup>19</sup>	15.6	12.0	—	19.1	1.2		
	g/L		BS-120 <sup>1</sup>	11.9	9.2	—	14.6	0.9	BS-400 <sup>10</sup>	11.8	9.1	—	14.5	0.9	
		BS-200 <sup>2</sup>	11.9	9.2	—	14.6	0.9	BS-430 <sup>11</sup>	11.6	8.9	—	14.3	0.9		
BS-200E <sup>3</sup>		11.3	8.9	—	13.7	0.8	BS-480 <sup>13</sup>	11.5	8.8	—	14.2	0.9			
BS-240 <sup>4</sup>		11.8	9.1	—	14.5	0.9	BS-600 <sup>14</sup>	11.6	8.9	—	14.3	0.9			
BS-240E <sup>5</sup>		11.6	8.9	—	14.3	0.9	BS-600M <sup>15</sup>	11.6	8.9	—	14.3	0.9			
BS-300 <sup>6</sup>		11.8	9.1	—	14.5	0.9	BS-620M <sup>16</sup>	11.6	8.9	—	14.3	0.9			
BS-330E <sup>7</sup>		11.3	8.9	—	13.7	0.8	BS-800 <sup>17</sup>	11.6	8.9	—	14.3	0.9			

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>	11.4	8.7	—	14.1	0.9	BS-2000 <sup>18</sup>	11.7	9.0	—	14.4	0.9		
		BS-380 <sup>9</sup>	11.8	9.1	—	14.5	0.9	BS-2800M <sup>19</sup>	11.6	8.9	—	14.3	0.9		
		BS-120 <sup>1</sup>	79.4	61.4	—	97.4	6.0	BS-400 <sup>10</sup>	78.7	60.7	—	96.7	6.0		
		BS-200 <sup>2</sup>	79.4	61.4	—	97.4	6.0	BS-430 <sup>11</sup>	77.4	59.4	—	95.4	6.0		
		BS-200E <sup>3</sup>	75.4	59.4	—	91.4	5.3	BS-480 <sup>13</sup>	76.7	58.7	—	94.7	6.0		
		BS-240 <sup>4</sup>	78.7	60.7	—	96.7	6.0	BS-600 <sup>14</sup>	77.4	59.4	—	95.4	6.0		
		BS-240E <sup>5</sup>	77.4	59.4	—	95.4	6.0	BS-600M <sup>15</sup>	77.4	59.4	—	95.4	6.0		
		BS-300 <sup>6</sup>	78.7	60.7	—	96.7	6.0	BS-620M <sup>16</sup>	77.4	59.4	—	95.4	6.0		
		BS-330E <sup>7</sup>	75.4	59.4	—	91.4	5.3	BS-800 <sup>17</sup>	77.4	59.4	—	95.4	6.0		
		BS-360E <sup>8</sup>	76.0	58.0	—	94.0	6.0	BS-2000 <sup>18</sup>	78.0	60.0	—	96.0	6.0		
BS-380 <sup>9</sup>	78.7	60.7	—	96.7	6.0	BS-2800M <sup>19</sup>	77.4	59.4	—	95.4	6.0				
IgM	g/L	BS-120 <sup>1</sup>	1.09	0.85	—	1.33	0.08	BS-400 <sup>10</sup>	1.04	0.80	—	1.28	0.08		
		BS-200 <sup>2</sup>	0.994	0.769	—	1.219	0.075	BS-430 <sup>11</sup>	1.07	0.83	—	1.31	0.08		
		BS-200E <sup>3</sup>	1.06	0.82	—	1.30	0.08	BS-480 <sup>13</sup>	1.06	0.82	—	1.30	0.08		
		BS-240 <sup>4</sup>	1.05	0.81	—	1.29	0.08	BS-600 <sup>14</sup>	1.02	0.78	—	1.26	0.08		
		BS-240E <sup>5</sup>	1.04	0.80	—	1.28	0.08	BS-600M <sup>15</sup>	1.06	0.82	—	1.30	0.08		
		BS-300 <sup>6</sup>	1.01	0.77	—	1.25	0.08	BS-620M <sup>16</sup>	1.06	0.82	—	1.30	0.08		
		BS-330E <sup>7</sup>	1.06	0.82	—	1.30	0.08	BS-800 <sup>17</sup>	1.05	0.81	—	1.29	0.08		
		BS-360E <sup>8</sup>	1.04	0.80	—	1.28	0.08	BS-2000 <sup>18</sup>	1.06	0.82	—	1.30	0.08		
		BS-380 <sup>9</sup>	1.04	0.80	—	1.28	0.08	BS-2800M <sup>19</sup>	1.06	0.82	—	1.30	0.08		
		BS-120 <sup>1</sup>	1.12	0.88	—	1.37	0.08	BS-400 <sup>10</sup>	1.07	0.82	—	1.32	0.08		
IgM	μmol/L	BS-200 <sup>2</sup>	1.02	0.79	—	1.26	0.08	BS-430 <sup>11</sup>	1.10	0.85	—	1.35	0.08		
		BS-200E <sup>3</sup>	1.09	0.84	—	1.34	0.08	BS-480 <sup>13</sup>	1.09	0.84	—	1.34	0.08		
		BS-240 <sup>4</sup>	1.08	0.83	—	1.33	0.08	BS-600 <sup>14</sup>	1.05	0.80	—	1.30	0.08		
		BS-240E <sup>5</sup>	1.07	0.82	—	1.32	0.08	BS-600M <sup>15</sup>	1.09	0.84	—	1.34	0.08		
		BS-300 <sup>6</sup>	1.04	0.79	—	1.29	0.08	BS-620M <sup>16</sup>	1.09	0.84	—	1.34	0.08		
		BS-330E <sup>7</sup>	1.09	0.84	—	1.34	0.08	BS-800 <sup>17</sup>	1.08	0.83	—	1.33	0.08		
		BS-360E <sup>8</sup>	1.07	0.82	—	1.32	0.08	BS-2000 <sup>18</sup>	1.09	0.84	—	1.34	0.08		
		BS-380 <sup>9</sup>	1.07	0.82	—	1.32	0.08	BS-2800M <sup>19</sup>	1.09	0.84	—	1.34	0.08		
		PA	mg/L	BS-120 <sup>1</sup>	256	199	—	313	19	BS-400 <sup>10</sup>	249	192	—	306	19
				BS-200 <sup>2</sup>	256	199	—	313	19	BS-430 <sup>11</sup>	251	194	—	308	19
BS-200E <sup>3</sup>	245			191	—	299	18	BS-480 <sup>13</sup>	244	190	—	298	18		
BS-240 <sup>4</sup>	245			191	—	299	18	BS-600 <sup>14</sup>	244	190	—	298	18		
BS-240E <sup>5</sup>	244			190	—	298	18	BS-600M <sup>15</sup>	248	191	—	305	19		
BS-300 <sup>6</sup>	253			196	—	310	19	BS-620M <sup>16</sup>	248	191	—	305	19		
BS-330E <sup>7</sup>	245			191	—	299	18	BS-800 <sup>17</sup>	244	190	—	298	18		
BS-360E <sup>8</sup>	244			190	—	298	18	BS-2000 <sup>18</sup>	248	191	—	305	19		
BS-380 <sup>9</sup>	248			191	—	305	19	BS-2800M <sup>19</sup>	256	199	—	313	19		
BS-120 <sup>1</sup>	4.66			3.62	—	5.70	0.35	BS-400 <sup>10</sup>	4.53	3.49	—	5.57	0.35		
PA	μmol/L	BS-200 <sup>2</sup>	4.66	3.62	—	5.70	0.35	BS-430 <sup>11</sup>	4.57	3.53	—	5.61	0.35		
		BS-200E <sup>3</sup>	4.46	3.48	—	5.44	0.33	BS-480 <sup>13</sup>	4.44	3.46	—	5.42	0.33		
		BS-240 <sup>4</sup>	4.46	3.48	—	5.44	0.33	BS-600 <sup>14</sup>	4.44	3.46	—	5.42	0.33		
		BS-240E <sup>5</sup>	4.44	3.46	—	5.42	0.33	BS-600M <sup>15</sup>	4.51	3.48	—	5.55	0.35		
		BS-300 <sup>6</sup>	4.60	3.57	—	5.64	0.35	BS-620M <sup>16</sup>	4.51	3.48	—	5.55	0.35		
		BS-330E <sup>7</sup>	4.46	3.48	—	5.44	0.33	BS-800 <sup>17</sup>	4.44	3.46	—	5.42	0.33		
		BS-360E <sup>8</sup>	4.44	3.46	—	5.42	0.33	BS-2000 <sup>18</sup>	4.51	3.48	—	5.55	0.35		
		BS-380 <sup>9</sup>	4.51	3.48	—	5.55	0.35	BS-2800M <sup>19</sup>	4.66	3.62	—	5.70	0.35		
		LDH	U/L	BS-120 <sup>1</sup>	293	248	—	338	15	BS-400 <sup>10</sup>	298	253	—	343	15
				BS-200 <sup>2</sup>	298	253	—	343	15	BS-430 <sup>11</sup>	298	253	—	343	15
BS-200E <sup>3</sup>	301			256	—	346	15	BS-480 <sup>13</sup>	296	251	—	341	15		
BS-240 <sup>4</sup>	298			253	—	343	15	BS-600 <sup>14</sup>	295	250	—	340	15		
BS-240E <sup>5</sup>	296			251	—	341	15	BS-600M <sup>15</sup>	293	248	—	338	15		
BS-300 <sup>6</sup>	301			256	—	346	15	BS-620M <sup>16</sup>	293	248	—	338	15		
BS-330E <sup>7</sup>	301			256	—	346	15	BS-800 <sup>17</sup>	291	246	—	336	15		
BS-360E <sup>8</sup>	294			249	—	339	15	BS-2000 <sup>18</sup>	294	249	—	339	15		
BS-380 <sup>9</sup>	297			252	—	342	15	BS-2800M <sup>19</sup>	293	248	—	338	15		

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>	4.89	4.14	—	5.64	0.25	BS-400 <sup>10</sup>	4.98	4.23	—	5.73	0.25
		BS-200 <sup>2</sup>	4.98	4.23	—	5.73	0.25	BS-430 <sup>11</sup>	4.98	4.23	—	5.73	0.25
		BS-200E <sup>3</sup>	5.03	4.28	—	5.78	0.25	BS-480 <sup>13</sup>	4.94	4.19	—	5.69	0.25
		BS-240 <sup>4</sup>	4.98	4.23	—	5.73	0.25	BS-600 <sup>14</sup>	4.93	4.18	—	5.68	0.25
		BS-240E <sup>5</sup>	4.94	4.19	—	5.69	0.25	BS-600M <sup>15</sup>	4.89	4.14	—	5.64	0.25
		BS-300 <sup>6</sup>	5.03	4.28	—	5.78	0.25	BS-620M <sup>16</sup>	4.89	4.14	—	5.64	0.25
		BS-330E <sup>7</sup>	5.03	4.28	—	5.78	0.25	BS-800 <sup>17</sup>	4.86	4.11	—	5.61	0.25
		BS-360E <sup>8</sup>	4.91	4.16	—	5.66	0.25	BS-2000 <sup>18</sup>	4.91	4.16	—	5.66	0.25
		BS-380 <sup>9</sup>	4.96	4.21	—	5.71	0.25	BS-2800M <sup>19</sup>	4.89	4.14	—	5.64	0.25
<b>Mg II</b>	mmol/L	BS-120 <sup>1</sup>	1.39	1.21	—	1.57	0.06	BS-400 <sup>10</sup>	1.47	1.29	—	1.65	0.06
		BS-200 <sup>2</sup>	1.44	1.26	—	1.62	0.06	BS-430 <sup>11</sup>	1.38	1.20	—	1.56	0.06
		BS-200E <sup>3</sup>	1.43	1.25	—	1.61	0.06	BS-480 <sup>13</sup>	1.40	1.22	—	1.58	0.06
		BS-240 <sup>4</sup>	1.45	1.27	—	1.63	0.06	BS-600 <sup>14</sup>	1.39	1.21	—	1.57	0.06
		BS-240E <sup>5</sup>	1.38	1.20	—	1.56	0.06	BS-600M <sup>15</sup>	1.40	1.22	—	1.58	0.06
		BS-300 <sup>6</sup>	1.47	1.29	—	1.65	0.06	BS-620M <sup>16</sup>	1.40	1.22	—	1.58	0.06
		BS-330E <sup>7</sup>	1.43	1.25	—	1.61	0.06	BS-800 <sup>17</sup>	1.38	1.20	—	1.56	0.06
		BS-360E <sup>8</sup>	1.37	1.22	—	1.52	0.05	BS-2000 <sup>18</sup>	1.42	1.24	—	1.60	0.06
		BS-380 <sup>9</sup>	1.47	1.29	—	1.65	0.06	BS-2800M <sup>19</sup>	1.40	1.22	—	1.58	0.06
<b>P</b>	mg/dL	BS-120 <sup>1</sup>	3.38	2.94	—	3.82	0.15	BS-400 <sup>10</sup>	3.57	3.13	—	4.01	0.15
		BS-200 <sup>2</sup>	3.50	3.06	—	3.94	0.15	BS-430 <sup>11</sup>	3.35	2.92	—	3.79	0.15
		BS-200E <sup>3</sup>	3.47	3.04	—	3.91	0.15	BS-480 <sup>13</sup>	3.40	2.96	—	3.84	0.15
		BS-240 <sup>4</sup>	3.52	3.09	—	3.96	0.15	BS-600 <sup>14</sup>	3.38	2.94	—	3.82	0.15
		BS-240E <sup>5</sup>	3.35	2.92	—	3.79	0.15	BS-600M <sup>15</sup>	3.40	2.96	—	3.84	0.15
		BS-300 <sup>6</sup>	3.57	3.13	—	4.01	0.15	BS-620M <sup>16</sup>	3.40	2.96	—	3.84	0.15
		BS-330E <sup>7</sup>	3.47	3.04	—	3.91	0.15	BS-800 <sup>17</sup>	3.35	2.92	—	3.79	0.15
		BS-360E <sup>8</sup>	3.33	2.96	—	3.69	0.12	BS-2000 <sup>18</sup>	3.45	3.01	—	3.89	0.15
		BS-380 <sup>9</sup>	3.57	3.13	—	4.01	0.15	BS-2800M <sup>19</sup>	3.40	2.96	—	3.84	0.15
<b>P</b>	mmol/L	BS-120 <sup>1</sup>	2.83	2.41	—	3.25	0.14	BS-400 <sup>10</sup>	2.87	2.45	—	3.29	0.14
		BS-200 <sup>2</sup>	2.85	2.43	—	3.27	0.14	BS-430 <sup>11</sup>	2.90	2.45	—	3.35	0.15
		BS-200E <sup>3</sup>	2.89	2.47	—	3.31	0.14	BS-480 <sup>13</sup>	2.83	2.41	—	3.25	0.14
		BS-240 <sup>4</sup>	2.87	2.45	—	3.29	0.14	BS-600 <sup>14</sup>	2.84	2.42	—	3.26	0.14
		BS-240E <sup>5</sup>	2.81	2.39	—	3.23	0.14	BS-600M <sup>15</sup>	2.91	2.46	—	3.36	0.15
		BS-300 <sup>6</sup>	2.81	2.39	—	3.23	0.14	BS-620M <sup>16</sup>	2.91	2.46	—	3.36	0.15
		BS-330E <sup>7</sup>	2.89	2.47	—	3.31	0.14	BS-800 <sup>17</sup>	2.86	2.44	—	3.28	0.14
		BS-360E <sup>8</sup>	2.80	2.38	—	3.22	0.14	BS-2000 <sup>18</sup>	2.86	2.44	—	3.28	0.14
		BS-380 <sup>9</sup>	2.87	2.45	—	3.29	0.14						
<b>P II</b>	mg/dL	BS-120 <sup>1</sup>	8.77	7.47	—	10.08	0.43	BS-400 <sup>10</sup>	8.90	7.60	—	10.20	0.43
		BS-200 <sup>2</sup>	8.84	7.53	—	10.14	0.43	BS-430 <sup>11</sup>	8.99	7.60	—	10.39	0.47
		BS-200E <sup>3</sup>	8.96	7.66	—	10.26	0.43	BS-480 <sup>13</sup>	8.77	7.47	—	10.08	0.43
		BS-240 <sup>4</sup>	8.90	7.60	—	10.20	0.43	BS-600 <sup>14</sup>	8.80	7.50	—	10.11	0.43
		BS-240E <sup>5</sup>	8.71	7.41	—	10.01	0.43	BS-600M <sup>15</sup>	9.02	7.63	—	10.42	0.47
		BS-300 <sup>6</sup>	8.71	7.41	—	10.01	0.43	BS-620M <sup>16</sup>	9.02	7.63	—	10.42	0.47
		BS-330E <sup>7</sup>	8.96	7.66	—	10.26	0.43	BS-800 <sup>17</sup>	8.87	7.56	—	10.17	0.43
		BS-360E <sup>8</sup>	8.68	7.38	—	9.98	0.43	BS-2000 <sup>18</sup>	8.87	7.56	—	10.17	0.43
		BS-380 <sup>9</sup>	8.90	7.60	—	10.20	0.43						
<b>P II</b>	mmol/L	BS-120 <sup>1</sup>	2.88	2.46	—	3.30	0.14	BS-400 <sup>10</sup>	2.87	2.45	—	3.29	0.14
		BS-200 <sup>2</sup>	2.85	2.43	—	3.27	0.14	BS-430 <sup>11</sup>	2.92	2.47	—	3.37	0.15
		BS-200E <sup>3</sup>	2.90	2.45	—	3.35	0.15	BS-480 <sup>13</sup>	2.88	2.46	—	3.30	0.14
		BS-240 <sup>4</sup>	2.88	2.46	—	3.30	0.14	BS-600 <sup>14</sup>	2.88	2.46	—	3.30	0.14
		BS-240E <sup>5</sup>	2.80	2.38	—	3.22	0.14	BS-600M <sup>15</sup>	2.89	2.47	—	3.31	0.14
		BS-300 <sup>6</sup>	2.89	2.47	—	3.31	0.14	BS-620M <sup>16</sup>	2.89	2.47	—	3.31	0.14
		BS-330E <sup>7</sup>	2.90	2.45	—	3.35	0.15	BS-800 <sup>17</sup>	2.88	2.46	—	3.30	0.14
		BS-360E <sup>8</sup>	2.85	2.43	—	3.27	0.14	BS-2000 <sup>18</sup>	2.87	2.45	—	3.29	0.14
		BS-380 <sup>9</sup>	2.90	2.45	—	3.35	0.15	BS-2800M <sup>19</sup>	2.89	2.47	—	3.31	0.14
<b>P II</b>	mmol/L	BS-120 <sup>1</sup>	8.93	7.63	—	10.23	0.43	BS-400 <sup>10</sup>	8.90	7.60	—	10.20	0.43
		BS-200 <sup>2</sup>	8.84	7.53	—	10.14	0.43	BS-430 <sup>11</sup>	9.05	7.66	—	10.45	0.47

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>	8.99	7.60	—	10.39	0.47	BS-480 <sup>13</sup>	8.93	7.63	—	10.23	0.43		
		BS-240 <sup>4</sup>	8.93	7.63	—	10.23	0.43	BS-600 <sup>14</sup>	8.93	7.63	—	10.23	0.43		
		BS-240E <sup>5</sup>	8.68	7.38	—	9.98	0.43	BS-600M <sup>15</sup>	8.96	7.66	—	10.26	0.43		
		BS-300 <sup>6</sup>	8.96	7.66	—	10.26	0.43	BS-620M <sup>16</sup>	8.96	7.66	—	10.26	0.43		
		BS-330E <sup>7</sup>	8.99	7.60	—	10.39	0.47	BS-800 <sup>17</sup>	8.93	7.63	—	10.23	0.43		
		BS-360E <sup>8</sup>	8.84	7.53	—	10.14	0.43	BS-2000 <sup>18</sup>	8.90	7.60	—	10.20	0.43		
		BS-380 <sup>9</sup>	8.99	7.60	—	10.39	0.47	BS-2800M <sup>19</sup>	8.96	7.66	—	10.26	0.43		
		TP	g/L	BS-120 <sup>1</sup>	80.6	68.6	—	92.6	4.0	BS-400 <sup>10</sup>	82.2	69.9	—	94.5	4.1
				BS-200 <sup>2</sup>	81.7	69.4	—	94.0	4.1	BS-430 <sup>11</sup>	82.2	69.9	—	94.5	4.1
BS-200E <sup>3</sup>	82.1			69.8	—	94.4	4.1	BS-480 <sup>13</sup>	82.1	69.8	—	94.4	4.1		
BS-240 <sup>4</sup>	81.7			69.4	—	94.0	4.1	BS-600 <sup>14</sup>	82.2	69.9	—	94.5	4.1		
BS-240E <sup>5</sup>	81.9			69.6	—	94.2	4.1	BS-600M <sup>15</sup>	82.2	69.9	—	94.5	4.1		
BS-300 <sup>6</sup>	81.5			69.2	—	93.8	4.1	BS-620M <sup>16</sup>	82.2	69.9	—	94.5	4.1		
BS-330E <sup>7</sup>	82.1			69.8	—	94.4	4.1	BS-800 <sup>17</sup>	82.2	69.9	—	94.5	4.1		
BS-360E <sup>8</sup>	82.6			70.3	—	94.9	4.1	BS-2000 <sup>18</sup>	82.6	70.3	—	94.9	4.1		
BS-380 <sup>9</sup>	82.9			70.6	—	95.2	4.1								
TP II	g/L	BS-120 <sup>1</sup>	80.3	68.3	—	92.3	4.0	BS-400 <sup>10</sup>	80.9	68.9	—	92.9	4.0		
		BS-200 <sup>2</sup>	80.3	68.3	—	92.3	4.0	BS-430 <sup>11</sup>	81.0	68.7	—	93.3	4.1		
		BS-200E <sup>3</sup>	79.9	67.9	—	91.9	4.0	BS-480 <sup>13</sup>	79.7	67.7	—	91.7	4.0		
		BS-240 <sup>4</sup>	79.9	67.9	—	91.9	4.0	BS-600 <sup>14</sup>	81.0	68.7	—	93.3	4.1		
		BS-240E <sup>5</sup>	79.4	67.4	—	91.4	4.0	BS-600M <sup>15</sup>	80.1	68.1	—	92.1	4.0		
		BS-300 <sup>6</sup>	80.2	68.2	—	92.2	4.0	BS-620M <sup>16</sup>	80.1	68.1	—	92.1	4.0		
		BS-330E <sup>7</sup>	79.9	67.9	—	91.9	4.0	BS-800 <sup>17</sup>	81.0	68.7	—	93.3	4.1		
		BS-360E <sup>8</sup>	80.1	68.1	—	92.1	4.0	BS-2000 <sup>18</sup>	81.1	68.8	—	93.4	4.1		
		BS-380 <sup>9</sup>	80.9	68.9	—	92.9	4.0	BS-2800M <sup>19</sup>	80.1	68.1	—	92.1	4.0		
TG	mmol/L	BS-120 <sup>1</sup>	2.34	2.01	—	2.67	0.11	BS-400 <sup>10</sup>	2.34	2.01	—	2.67	0.11		
		BS-200 <sup>2</sup>	2.33	2.03	—	2.63	0.10	BS-430 <sup>11</sup>	2.41	2.08	—	2.74	0.11		
		BS-200E <sup>3</sup>	2.35	2.02	—	2.68	0.11	BS-480 <sup>13</sup>	2.33	2.03	—	2.63	0.10		
		BS-240 <sup>4</sup>	2.36	2.03	—	2.69	0.11	BS-600 <sup>14</sup>	2.35	2.02	—	2.68	0.11		
		BS-240E <sup>5</sup>	2.30	2.00	—	2.60	0.10	BS-600M <sup>15</sup>	2.38	2.05	—	2.71	0.11		
		BS-300 <sup>6</sup>	2.34	2.01	—	2.67	0.11	BS-620M <sup>16</sup>	2.38	2.05	—	2.71	0.11		
		BS-330E <sup>7</sup>	2.35	2.02	—	2.68	0.11	BS-800 <sup>17</sup>	2.38	2.05	—	2.71	0.11		
		BS-360E <sup>8</sup>	2.29	1.99	—	2.59	0.10	BS-2000 <sup>18</sup>	2.38	2.05	—	2.71	0.11		
		BS-380 <sup>9</sup>	2.36	2.03	—	2.69	0.11	BS-2800M <sup>19</sup>	2.38	2.05	—	2.71	0.11		
	mg/dL	BS-120 <sup>1</sup>	207	178	—	236	10	BS-400 <sup>10</sup>	207	178	—	236	10		
		BS-200 <sup>2</sup>	206	180	—	233	9	BS-430 <sup>11</sup>	213	184	—	242	10		
		BS-200E <sup>3</sup>	208	179	—	237	10	BS-480 <sup>13</sup>	206	180	—	233	9		
		BS-240 <sup>4</sup>	209	180	—	238	10	BS-600 <sup>14</sup>	208	179	—	237	10		
		BS-240E <sup>5</sup>	204	177	—	230	9	BS-600M <sup>15</sup>	211	181	—	240	10		
		BS-300 <sup>6</sup>	207	178	—	236	10	BS-620M <sup>16</sup>	211	181	—	240	10		
		BS-330E <sup>7</sup>	208	179	—	237	10	BS-800 <sup>17</sup>	211	181	—	240	10		
		BS-360E <sup>8</sup>	203	176	—	229	9	BS-2000 <sup>18</sup>	211	181	—	240	10		
		BS-380 <sup>9</sup>	209	180	—	238	10	BS-2800M <sup>19</sup>	211	181	—	240	10		
UA	μmol/L	BS-120 <sup>1</sup>	631	547	—	715	28	BS-400 <sup>10</sup>	654	567	—	741	29		
		BS-200 <sup>2</sup>	619	535	—	703	28	BS-430 <sup>11</sup>	640	553	—	727	29		
		BS-200E <sup>3</sup>	654	567	—	741	29	BS-480 <sup>13</sup>	640	553	—	727	29		
		BS-240 <sup>4</sup>	622	538	—	706	28	BS-600 <sup>14</sup>	640	553	—	727	29		
		BS-240E <sup>5</sup>	640	553	—	727	29	BS-600M <sup>15</sup>	645	558	—	732	29		
		BS-300 <sup>6</sup>	654	567	—	741	29	BS-620M <sup>16</sup>	645	558	—	732	29		
		BS-330E <sup>7</sup>	654	567	—	741	29	BS-800 <sup>17</sup>	640	553	—	727	29		
		BS-360E <sup>8</sup>	628	544	—	712	28	BS-2000 <sup>18</sup>	650	563	—	737	29		
		BS-380 <sup>9</sup>	654	567	—	741	29	BS-2800M <sup>19</sup>	645	558	—	732	29		
		BS-120 <sup>1</sup>	10.6	9.2	—	12.0	0.5	BS-400 <sup>10</sup>	11.0	9.5	—	12.5	0.5		
		BS-200 <sup>2</sup>	10.4	9.0	—	11.8	0.5	BS-430 <sup>11</sup>	10.8	9.3	—	12.2	0.5		
		BS-200E <sup>3</sup>	11.0	9.5	—	12.5	0.5	BS-480 <sup>13</sup>	10.8	9.3	—	12.2	0.5		
		BS-240 <sup>4</sup>	10.5	9.0	—	11.9	0.5	BS-600 <sup>14</sup>	10.8	9.3	—	12.2	0.5		



Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
	mg/dL	BS-240E <sup>5</sup>	10.8	9.3	—	12.2	0.5	BS-600M <sup>15</sup>	10.8	9.4	—	12.3	0.5
		BS-300 <sup>6</sup>	11.0	9.5	—	12.5	0.5	BS-620M <sup>16</sup>	10.8	9.4	—	12.3	0.5
		BS-330E <sup>7</sup>	11.0	9.5	—	12.5	0.5	BS-800 <sup>17</sup>	10.8	9.3	—	12.2	0.5
		BS-360E <sup>8</sup>	10.6	9.1	—	12.0	0.5	BS-2000 <sup>18</sup>	10.9	9.5	—	12.4	0.5
		BS-380 <sup>9</sup>	11.0	9.5	—	12.5	0.5	BS-2800M <sup>19</sup>	10.8	9.4	—	12.3	0.5
UREA	mmol/L	BS-120 <sup>1</sup>	21.0	17.7	—	24.3	1.1	BS-400 <sup>10</sup>	21.1	17.8	—	24.4	1.1
		BS-200 <sup>2</sup>	21.0	17.7	—	24.3	1.1	BS-430 <sup>11</sup>	21.0	17.7	—	24.3	1.1
		BS-200E <sup>3</sup>	21.2	17.9	—	24.5	1.1	BS-480 <sup>13</sup>	20.8	17.8	—	23.8	1.0
		BS-240 <sup>4</sup>	21.4	18.1	—	24.7	1.1	BS-600 <sup>14</sup>	21.0	17.7	—	24.3	1.1
		BS-240E <sup>5</sup>	20.9	17.9	—	23.9	1.0	BS-600M <sup>15</sup>	20.9	17.9	—	23.9	1.0
		BS-300 <sup>6</sup>	21.1	17.8	—	24.4	1.1	BS-620M <sup>16</sup>	20.9	17.9	—	23.9	1.0
		BS-330E <sup>7</sup>	21.2	17.9	—	24.5	1.1	BS-800 <sup>17</sup>	21.0	17.7	—	24.3	1.1
		BS-360E <sup>8</sup>	21.0	17.7	—	24.3	1.1	BS-2000 <sup>18</sup>	20.9	17.9	—	23.9	1.0
		BS-380 <sup>9</sup>	21.1	17.8	—	24.4	1.1	BS-2800M <sup>19</sup>	20.8	17.8	—	23.8	1.0
	mg/dL	BS-120 <sup>1</sup>	126	106	—	146	7	BS-400 <sup>10</sup>	127	107	—	147	7
		BS-200 <sup>2</sup>	126	106	—	146	7	BS-430 <sup>11</sup>	126	106	—	146	7
		BS-200E <sup>3</sup>	127	108	—	147	7	BS-480 <sup>13</sup>	125	107	—	143	6
		BS-240 <sup>4</sup>	129	109	—	148	7	BS-600 <sup>14</sup>	126	106	—	146	7
		BS-240E <sup>5</sup>	126	108	—	144	6	BS-600M <sup>15</sup>	126	108	—	144	6
		BS-300 <sup>6</sup>	127	107	—	147	7	BS-620M <sup>16</sup>	126	108	—	144	6
		BS-330E <sup>7</sup>	127	108	—	147	7	BS-800 <sup>17</sup>	126	106	—	146	7
		BS-360E <sup>8</sup>	126	106	—	146	7	BS-2000 <sup>18</sup>	126	108	—	144	6
		BS-380 <sup>9</sup>	127	107	—	147	7	BS-2800M <sup>19</sup>	125	107	—	143	6
LIP	U/L	BS-120 <sup>1</sup>	99.5	79.4	—	119.6	6.7	BS-400 <sup>10</sup>	100	79	—	121	7
		BS-200 <sup>2</sup>	94.0	75.1	—	112.9	6.3	BS-430 <sup>11</sup>	100	79	—	121	7
		BS-200E <sup>3</sup>	102	81	—	123	7	BS-480 <sup>13</sup>	99.8	79.7	—	119.9	6.7
		BS-240 <sup>4</sup>	101	80	—	122	7	BS-600 <sup>14</sup>	100	79	—	121	7
		BS-240E <sup>5</sup>	97.6	78.1	—	117.1	6.5	BS-600M <sup>15</sup>	101	80	—	122	7
		BS-300 <sup>6</sup>	95.5	76.3	—	114.7	6.4	BS-620M <sup>16</sup>	101	80	—	122	7
		BS-330E <sup>7</sup>	102	81	—	123	7	BS-800 <sup>17</sup>	100	79	—	121	7
		BS-360E <sup>8</sup>	96.1	76.9	—	115.3	6.4	BS-2000 <sup>18</sup>	97.8	78.0	—	117.6	6.6
		BS-380 <sup>9</sup>	100	79	—	121	7	BS-2800M <sup>19</sup>	99.3	79.2	—	119.4	6.7
	μkat/L	BS-120 <sup>1</sup>	1.66	1.33	—	2.00	0.11	BS-400 <sup>10</sup>	1.67	1.32	—	2.02	0.12
		BS-200 <sup>2</sup>	1.57	1.25	—	1.89	0.11	BS-430 <sup>11</sup>	1.67	1.32	—	2.02	0.12
		BS-200E <sup>3</sup>	1.70	1.35	—	2.05	0.12	BS-480 <sup>13</sup>	1.67	1.33	—	2.00	0.11
		BS-240 <sup>4</sup>	1.69	1.34	—	2.04	0.12	BS-600 <sup>14</sup>	1.67	1.32	—	2.02	0.12
		BS-240E <sup>5</sup>	1.63	1.30	—	1.96	0.11	BS-600M <sup>15</sup>	1.69	1.34	—	2.04	0.12
		BS-300 <sup>6</sup>	1.59	1.27	—	1.92	0.11	BS-620M <sup>16</sup>	1.69	1.34	—	2.04	0.12
CHE	U/L	BS-330E <sup>7</sup>	1.70	1.35	—	2.05	0.12	BS-800 <sup>17</sup>	1.67	1.32	—	2.02	0.12
		BS-360E <sup>8</sup>	1.60	1.28	—	1.93	0.11	BS-2000 <sup>18</sup>	1.63	1.30	—	1.96	0.11
		BS-380 <sup>9</sup>	1.67	1.32	—	2.02	0.12	BS-2800M <sup>19</sup>	1.66	1.32	—	1.99	0.11
		BS-200 <sup>2</sup>	8792	7025	—	10559	589	BS-430 <sup>11</sup>	8919	7125	—	10713	598
		BS-200E <sup>3</sup>	8804	7034	—	10574	590	BS-480 <sup>13</sup>	8924	7130	—	10718	598
		BS-240 <sup>4</sup>	8881	7096	—	10666	595	BS-600 <sup>14</sup>	8919	7125	—	10713	598
		BS-240E <sup>5</sup>	8701	6952	—	10450	583	BS-600M <sup>15</sup>	8920	7126	—	10714	598
		BS-300 <sup>6</sup>	8845	7066	—	10624	593	BS-620M <sup>16</sup>	8920	7126	—	10714	598
		BS-330E <sup>7</sup>	8804	7034	—	10574	590	BS-800 <sup>17</sup>	8919	7125	—	10713	598
		BS-360E <sup>8</sup>	8758	6997	—	10519	587	BS-2000 <sup>18</sup>	8889	7101	—	10677	596
μkat/L	BS-380 <sup>9</sup>	8947	7150	—	10744	599	BS-2800M <sup>19</sup>	8920	7126	—	10714	598	
	BS-400 <sup>10</sup>	8947	7150	—	10744	599							
	BS-200 <sup>2</sup>	147	117	—	176	10	BS-430 <sup>11</sup>	149	119	—	179	10	
	BS-200E <sup>3</sup>	147	117	—	177	10	BS-480 <sup>13</sup>	149	119	—	179	10	
	BS-240 <sup>4</sup>	148	119	—	178	10	BS-600 <sup>14</sup>	149	119	—	179	10	
	BS-240E <sup>5</sup>	145	116	—	175	10	BS-600M <sup>15</sup>	149	119	—	179	10	
	BS-300 <sup>6</sup>	148	118	—	177	10	BS-620M <sup>16</sup>	149	119	—	179	10	
BS-330E <sup>7</sup>	147	117	—	177	10	BS-800 <sup>17</sup>	149	119	—	179	10		

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>	146	117	—	176	10	BS-2000 <sup>18</sup>	148	119	—	178	10		
		BS-380 <sup>9</sup>	149	119	—	179	10	BS-2800M <sup>19</sup>	149	119	—	179	10		
		BS-400 <sup>10</sup>	149	119	—	179	10								
	μmol/L		BS-120 <sup>1</sup>	44.3	35.3	—	53.3	3.0	BS-400 <sup>10</sup>	45.4	36.4	—	54.4	3.0	
			BS-200 <sup>2</sup>	45.3	36.3	—	54.3	3.0	BS-430 <sup>11</sup>	44.9	35.9	—	53.9	3.0	
			BS-200E <sup>3</sup>	45.2	36.2	—	54.2	3.0	BS-480 <sup>13</sup>	45.1	36.1	—	54.1	3.0	
			BS-240 <sup>4</sup>	44.2	35.2	—	53.2	3.0	BS-600 <sup>14</sup>	45.0	36.0	—	54.0	3.0	
			BS-240E <sup>5</sup>	45.0	36.0	—	54.0	3.0	BS-600M <sup>15</sup>	45.0	36.0	—	54.0	3.0	
			BS-300 <sup>6</sup>	44.3	35.3	—	53.3	3.0	BS-620M <sup>16</sup>	45.0	36.0	—	54.0	3.0	
			BS-330E <sup>7</sup>	45.2	36.2	—	54.2	3.0	BS-800 <sup>17</sup>	45.0	36.0	—	54.0	3.0	
			BS-360E <sup>8</sup>	45.9	36.6	—	55.2	3.1	BS-2000 <sup>18</sup>	45.2	36.2	—	54.2	3.0	
			BS-380 <sup>9</sup>	46.0	36.7	—	55.3	3.1	BS-2800M <sup>19</sup>	44.9	35.9	—	53.9	3.0	
		mg/L		BS-120 <sup>1</sup>	2.47	1.97	—	2.98	0.17	BS-400 <sup>10</sup>	2.54	2.03	—	3.04	0.17
				BS-200 <sup>2</sup>	2.53	2.03	—	3.03	0.17	BS-430 <sup>11</sup>	2.51	2.01	—	3.01	0.17
				BS-200E <sup>3</sup>	2.53	2.02	—	3.03	0.17	BS-480 <sup>13</sup>	2.52	2.02	—	3.02	0.17
				BS-240 <sup>4</sup>	2.47	1.97	—	2.97	0.17	BS-600 <sup>14</sup>	2.51	2.01	—	3.02	0.17
				BS-240E <sup>5</sup>	2.51	2.01	—	3.02	0.17	BS-600M <sup>15</sup>	2.51	2.01	—	3.02	0.17
				BS-300 <sup>6</sup>	2.47	1.97	—	2.98	0.17	BS-620M <sup>16</sup>	2.51	2.01	—	3.02	0.17
				BS-330E <sup>7</sup>	2.53	2.02	—	3.03	0.17	BS-800 <sup>17</sup>	2.51	2.01	—	3.02	0.17
BS-360E <sup>8</sup>	2.56			2.04	—	3.08	0.17	BS-2000 <sup>18</sup>	2.53	2.02	—	3.03	0.17		
BS-380 <sup>9</sup>	2.57			2.05	—	3.09	0.17	BS-2800M <sup>19</sup>	2.51	2.01	—	3.01	0.17		
UIBC	μmol/L	BS-240 <sup>4</sup>	36.1	28.9	—	43.3	2.4	BS-600 <sup>14</sup>	35.5	28.3	—	42.7	2.4		
		BS-240E <sup>5</sup>	36.7	29.2	—	44.2	2.5	BS-600M <sup>15</sup>	36.0	28.8	—	43.2	2.4		
		BS-360E <sup>8</sup>	35.3	28.1	—	42.5	2.4	BS-620M <sup>16</sup>	36.0	28.8	—	43.2	2.4		
		BS-380 <sup>9</sup>	35.5	28.3	—	42.7	2.4	BS-800 <sup>17</sup>	35.5	28.3	—	42.7	2.4		
		BS-400 <sup>10</sup>	35.5	28.3	—	42.7	2.4	BS-2000 <sup>18</sup>	33.4	26.8	—	40.0	2.2		
		BS-430 <sup>11</sup>	35.5	28.3	—	42.7	2.4	BS-2800M <sup>19</sup>	33.8	26.9	—	40.7	2.3		
	μg/dL		BS-480 <sup>13</sup>	38.3	30.5	—	46.1	2.6							
			BS-240 <sup>4</sup>	202	162	—	242	13	BS-600 <sup>14</sup>	198	158	—	239	13	
			BS-240E <sup>5</sup>	205	163	—	247	14	BS-600M <sup>15</sup>	201	161	—	241	13	
			BS-360E <sup>8</sup>	197	157	—	238	13	BS-620M <sup>16</sup>	201	161	—	241	13	
			BS-380 <sup>9</sup>	198	158	—	239	13	BS-800 <sup>17</sup>	198	158	—	239	13	
			BS-400 <sup>10</sup>	198	158	—	239	13	BS-2000 <sup>18</sup>	187	150	—	224	12	
			BS-430 <sup>11</sup>	198	158	—	239	13	BS-2800M <sup>19</sup>	189	150	—	228	13	
ASO II	IU/mL	BS-200E <sup>3</sup>	256	166	—	346	30	BS-480 <sup>13</sup>	259	169	—	349	30		
		BS-240 <sup>4</sup>	261	168	—	354	31	BS-600 <sup>14</sup>	259	169	—	349	30		
		BS-240E <sup>5</sup>	259	169	—	349	30	BS-600M <sup>15</sup>	260	170	—	350	30		
		BS-360E <sup>8</sup>	259	169	—	349	30	BS-620M <sup>16</sup>	260	170	—	350	30		
		BS-380 <sup>9</sup>	256	166	—	346	30	BS-800 <sup>17</sup>	259	169	—	349	30		
		BS-400 <sup>10</sup>	256	166	—	346	30	BS-2000 <sup>18</sup>	258	168	—	348	30		
		BS-430 <sup>11</sup>	259	169	—	349	30	BS-2800M <sup>19</sup>	260	170	—	350	30		
FER	ng/mL	BS-200E <sup>3</sup>	196	166	—	226	10	BS-480 <sup>13</sup>	193	163	—	223	10		
		BS-240 <sup>4</sup>	196	166	—	226	10	BS-600 <sup>14</sup>	193	163	—	223	10		
		BS-240E <sup>5</sup>	193	163	—	223	10	BS-600M <sup>15</sup>	190	160	—	220	10		
		BS-360E <sup>8</sup>	193	163	—	223	10	BS-620M <sup>16</sup>	190	160	—	220	10		
		BS-380 <sup>9</sup>	196	166	—	226	10	BS-800 <sup>17</sup>	193	163	—	223	10		
		BS-400 <sup>10</sup>	196	166	—	226	10	BS-2000 <sup>18</sup>	191	161	—	221	10		
	pmol/L		BS-430 <sup>11</sup>	193	163	—	223	10	BS-2800M <sup>19</sup>	190	160	—	220	10	
			BS-200E <sup>3</sup>	440	373	—	508	22	BS-480 <sup>13</sup>	434	366	—	501	22	
			BS-240 <sup>4</sup>	440	373	—	508	22	BS-600 <sup>14</sup>	434	366	—	501	22	
			BS-240E <sup>5</sup>	434	366	—	501	22	BS-600M <sup>15</sup>	427	360	—	494	22	
			BS-360E <sup>8</sup>	434	366	—	501	22	BS-620M <sup>16</sup>	427	360	—	494	22	
BS-380 <sup>9</sup>	440	373	—	508	22	BS-800 <sup>17</sup>	434	366	—	501	22				
BS-400 <sup>10</sup>	440	373	—	508	22	BS-2000 <sup>18</sup>	429	362	—	497	22				
BS-430 <sup>11</sup>	434	366	—	501	22	BS-2800M <sup>19</sup>	427	360	—	494	22				

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>	53.5	37.3	—	69.7	5.4	BS-430 <sup>11</sup>	54.7	38.2	—	71.2	5.5
		BS-240 <sup>4</sup>	55.0	38.5	—	71.5	5.5	BS-480 <sup>13</sup>	54.9	38.4	—	71.4	5.5
		BS-240E <sup>5</sup>	56.1	39.3	—	72.9	5.6	BS-600 <sup>14</sup>	54.9	38.4	—	71.4	5.5
		BS-300 <sup>6</sup>	55.6	38.8	—	72.4	5.6	BS-600M <sup>15</sup>	53.9	37.7	—	70.1	5.4
		BS-330E <sup>7</sup>	53.5	37.3	—	69.7	5.4	BS-620M <sup>16</sup>	53.9	37.7	—	70.1	5.4
		BS-360E <sup>8</sup>	54.9	38.4	—	71.4	5.5	BS-800 <sup>17</sup>	54.9	38.4	—	71.4	5.5
		BS-380 <sup>9</sup>	55.6	38.8	—	72.4	5.6	BS-2000 <sup>18</sup>	55.0	38.5	—	71.5	5.5
		BS-400 <sup>10</sup>	54.2	38.0	—	70.4	5.4	BS-2800M <sup>19</sup>	53.9	37.7	—	70.1	5.4
		BS-200E <sup>3</sup>	509	355	—	664	51	BS-430 <sup>11</sup>	521	364	—	678	52
		BS-240 <sup>4</sup>	524	367	—	681	52	BS-480 <sup>13</sup>	523	366	—	680	52
TRF	g/L	BS-240E <sup>5</sup>	534	374	—	694	53	BS-600 <sup>14</sup>	523	366	—	680	52
		BS-300 <sup>6</sup>	529	369	—	689	53	BS-600M <sup>15</sup>	513	359	—	667	51
		BS-330E <sup>7</sup>	509	355	—	664	51	BS-620M <sup>16</sup>	513	359	—	667	51
		BS-360E <sup>8</sup>	523	366	—	680	52	BS-800 <sup>17</sup>	523	366	—	680	52
		BS-380 <sup>9</sup>	529	369	—	689	53	BS-2000 <sup>18</sup>	524	367	—	681	52
		BS-400 <sup>10</sup>	516	362	—	670	51	BS-2800M <sup>19</sup>	513	359	—	667	51
		BS-120 <sup>1</sup>	3.22	2.74	—	3.70	0.16	BS-430 <sup>11</sup>	3.30	2.79	—	3.81	0.17
		BS-200 <sup>2</sup>	3.18	2.70	—	3.66	0.16	BS-480 <sup>13</sup>	3.26	2.78	—	3.74	0.16
		BS-200E <sup>3</sup>	3.34	2.83	—	3.85	0.17	BS-600 <sup>14</sup>	3.24	2.76	—	3.72	0.16
		BS-240 <sup>4</sup>	3.17	2.69	—	3.65	0.16	BS-600M <sup>15</sup>	3.23	2.75	—	3.71	0.16
Na+	mmol/L	BS-240E <sup>5</sup>	3.20	2.72	—	3.68	0.16	BS-620M <sup>16</sup>	3.23	2.75	—	3.71	0.16
		BS-360E <sup>8</sup>	3.19	2.71	—	3.67	0.16	BS-800 <sup>17</sup>	3.26	2.78	—	3.74	0.16
		BS-380 <sup>9</sup>	3.34	2.83	—	3.85	0.17	BS-2000 <sup>18</sup>	3.31	2.80	—	3.82	0.17
		BS-400 <sup>10</sup>	3.34	2.83	—	3.85	0.17	BS-2800M <sup>19</sup>	3.23	2.75	—	3.71	0.16
		BS-120 <sup>1</sup>	40.6	34.5	—	46.6	2.0	BS-430 <sup>11</sup>	41.6	35.2	—	48.0	2.1
		BS-200 <sup>2</sup>	40.1	34.0	—	46.1	2.0	BS-480 <sup>13</sup>	41.1	35.0	—	47.1	2.0
		BS-200E <sup>3</sup>	42.1	35.7	—	48.5	2.1	BS-600 <sup>14</sup>	40.8	34.8	—	46.9	2.0
		BS-240 <sup>4</sup>	39.9	33.9	—	46.0	2.0	BS-600M <sup>15</sup>	40.7	34.7	—	46.7	2.0
		BS-240E <sup>5</sup>	40.3	34.3	—	46.4	2.0	BS-620M <sup>16</sup>	40.7	34.7	—	46.7	2.0
		BS-360E <sup>8</sup>	40.2	34.1	—	46.2	2.0	BS-800 <sup>17</sup>	41.1	35.0	—	47.1	2.0
K+	mmol/L	BS-380 <sup>9</sup>	42.1	35.7	—	48.5	2.1	BS-2000 <sup>18</sup>	41.7	35.3	—	48.1	2.1
		BS-400 <sup>10</sup>	42.1	35.7	—	48.5	2.1	BS-2800M <sup>19</sup>	40.7	34.7	—	46.7	2.0
		BS-120 <sup>1</sup>	152	137	—	167	5	BS-380 <sup>9</sup>	153	138	—	168	5
		BS-200 <sup>2</sup>	152	137	—	167	5	BS-400 <sup>10</sup>	152	137	—	167	5
		BS-200E <sup>3</sup>	152	137	—	167	5	BS-430 <sup>11</sup>	151	136	—	166	5
		BS-240 <sup>4</sup>	152	137	—	167	5	BS-450 <sup>12</sup>	153	138	—	168	5
		BS-240E <sup>5</sup>	149	134	—	164	5	BS-480 <sup>13</sup>	154	139	—	169	5
		BS-300 <sup>6</sup>	152	137	—	167	5	BS-600 <sup>14</sup>	151	136	—	166	5
		BS-330E <sup>7</sup>	152	137	—	167	5	BS-600M <sup>15</sup>	153	138	—	168	5
		BS-360E <sup>8</sup>	152	137	—	167	5	BS-620M <sup>16</sup>	153	138	—	168	5
K+	mmol/L	BS-800 <sup>17</sup>	138	123	—	153	5	BS-2800M <sup>19</sup>	139	124	—	154	5
		BS-2000 <sup>18</sup>	138	123	—	153	5						
		BS-120 <sup>1</sup>	6.64	5.98	—	7.30	0.22	BS-380 <sup>9</sup>	6.55	5.89	—	7.21	0.22
		BS-200 <sup>2</sup>	6.64	5.98	—	7.30	0.22	BS-400 <sup>10</sup>	6.64	5.98	—	7.30	0.22
		BS-200E <sup>3</sup>	6.64	5.98	—	7.30	0.22	BS-430 <sup>11</sup>	6.55	5.89	—	7.21	0.22
		BS-240 <sup>4</sup>	6.64	5.98	—	7.30	0.22	BS-450 <sup>12</sup>	6.60	5.94	—	7.26	0.22
		BS-240E <sup>5</sup>	6.32	5.69	—	6.95	0.21	BS-480 <sup>13</sup>	6.63	5.97	—	7.29	0.22
		BS-300 <sup>6</sup>	6.64	5.98	—	7.30	0.22	BS-600 <sup>14</sup>	6.39	5.76	—	7.02	0.21
		BS-330E <sup>7</sup>	6.64	5.98	—	7.30	0.22	BS-600M <sup>15</sup>	6.60	5.94	—	7.26	0.22
		BS-360E <sup>8</sup>	6.64	5.98	—	7.30	0.22	BS-620M <sup>16</sup>	6.60	5.94	—	7.26	0.22
K+	mmol/L	BS-800 <sup>17</sup>	6.06	5.46	—	6.66	0.20	BS-2800M <sup>19</sup>	6.11	5.51	—	6.71	0.20
		BS-2000 <sup>18</sup>	6.06	5.46	—	6.66	0.20						
		BS-120 <sup>1</sup>	112	100	—	124	4	BS-380 <sup>9</sup>	113	101	—	125	4
		BS-200 <sup>2</sup>	112	100	—	124	4	BS-400 <sup>10</sup>	112	100	—	124	4
K+	mmol/L	BS-200E <sup>3</sup>	112	100	—	124	4	BS-430 <sup>11</sup>	111	99	—	123	4
		BS-240 <sup>4</sup>	112	100	—	124	4	BS-450 <sup>12</sup>	111	99	—	123	4

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Assay Value	Range(Assay Value±3SD)	1 SD
Cl-	mmol/L	<b>BS-240E<sup>5</sup></b>	110	98 — 122	4	<b>BS-480<sup>13</sup></b>	111	99 — 123	4
		<b>BS-300<sup>6</sup></b>	112	100 — 124	4	<b>BS-600<sup>14</sup></b>	110	98 — 122	4
		<b>BS-330E<sup>7</sup></b>	112	100 — 124	4	<b>BS-600M<sup>15</sup></b>	111	99 — 123	4
		<b>BS-360E<sup>8</sup></b>	112	100 — 124	4	<b>BS-620M<sup>16</sup></b>	111	99 — 123	4
		<b>BS-800<sup>17</sup></b>	109	97 — 121	4	<b>BS-2800M<sup>19</sup></b>	109	97 — 121	4
		<b>BS-2000<sup>18</sup></b>	109	97 — 121	4				

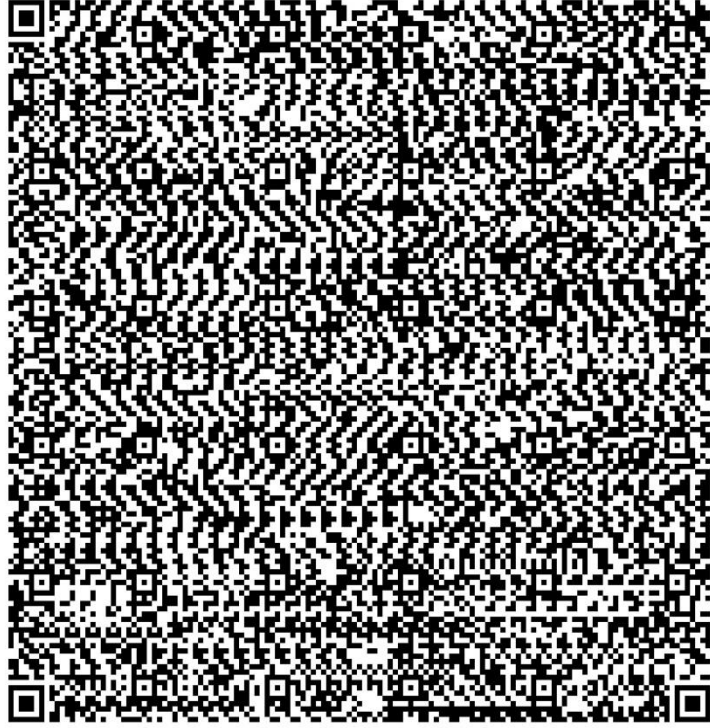
**mindray**

**ClinChem Multi Control (level 2)**

For use on: BS-2800M

**LOT 059424004**

**2025-11-30**



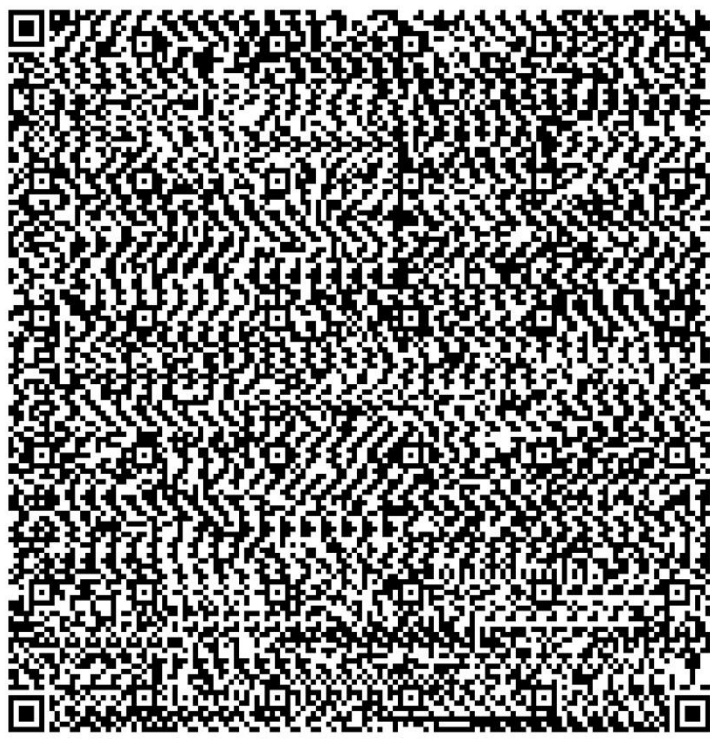
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**ClinChem Multi Control (level 2)**

For use on: BS-2000

**LOT 059424004**

**2025-11-30**





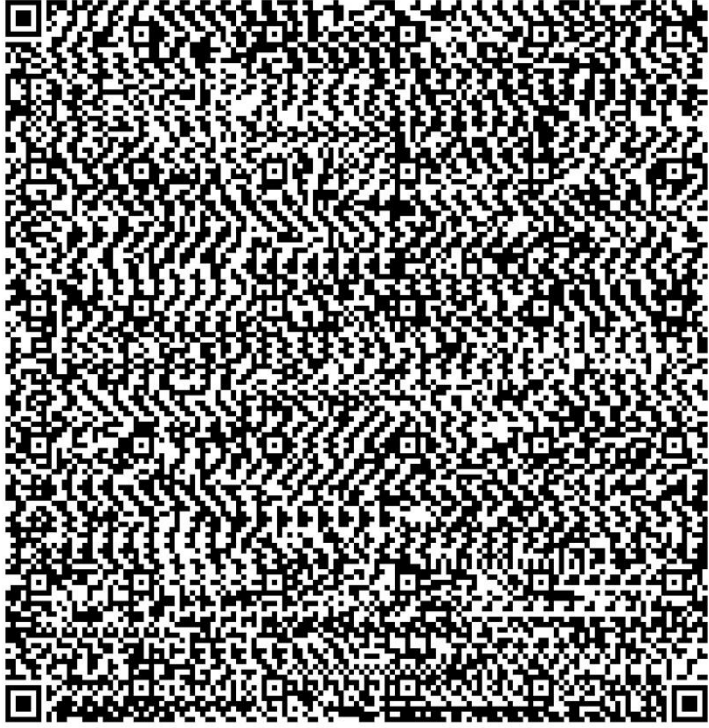
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**ClinChem Multi Control (level 2)**

For use on: BS-620M

**LOT 059424004**

**2025-11-30**



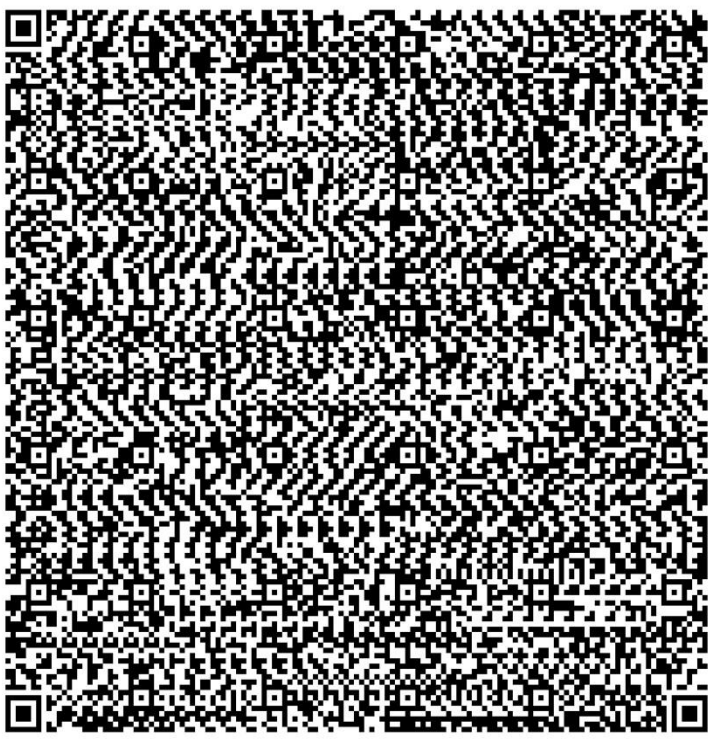
**mindray**

**ClinChem Multi Control (level 2)**

For use on: BS-600M

**LOT 059424004**

**2025-11-30**



# **mindray**

## **ClinChem Multi Control (level 2)**

For use on: BS-800

**LOT** 059424004

**EXP** 2025-11-30

