

## 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.

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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	Аспартатаминотрансфераза	
<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>	32.4	27.6 — 37.2	1.6	<b>BS-400<sup>10</sup></b>	32.2	27.4 — 37.0	1.6
		<b>BS-200<sup>2</sup></b>	32.1	27.3 — 36.9	1.6	<b>BS-430<sup>11</sup></b>	32.3	27.5 — 37.1	1.6
		<b>BS-200E<sup>3</sup></b>	32.1	27.3 — 36.9	1.6	<b>BS-480<sup>13</sup></b>	31.7	26.9 — 36.5	1.6
		<b>BS-240<sup>4</sup></b>	31.6	26.8 — 36.4	1.6	<b>BS-600<sup>14</sup></b>	32.5	27.7 — 37.3	1.6
		<b>BS-240E<sup>5</sup></b>	31.8	27.0 — 36.6	1.6	<b>BS-600M<sup>15</sup></b>	32.3	27.5 — 37.1	1.6
		<b>BS-300<sup>6</sup></b>	32.2	27.4 — 37.0	1.6	<b>BS-620M<sup>16</sup></b>	32.3	27.5 — 37.1	1.6
		<b>BS-330E<sup>7</sup></b>	32.1	27.3 — 36.9	1.6	<b>BS-800<sup>17</sup></b>	32.4	27.6 — 37.2	1.6
	µmol/L	<b>BS-360E<sup>8</sup></b>	32.1	27.3 — 36.9	1.6	<b>BS-2000<sup>18</sup></b>	32.6	27.8 — 37.4	1.6
		<b>BS-380<sup>9</sup></b>	32.6	27.8 — 37.4	1.6	<b>BS-2800M<sup>19</sup></b>	32.3	27.5 — 37.1	1.6
		<b>BS-120<sup>1</sup></b>	492	420 — 565	24	<b>BS-400<sup>10</sup></b>	489	416 — 562	24
		<b>BS-200<sup>2</sup></b>	488	415 — 561	24	<b>BS-430<sup>11</sup></b>	491	418 — 564	24
		<b>BS-200E<sup>3</sup></b>	488	415 — 561	24	<b>BS-480<sup>13</sup></b>	482	409 — 555	24
		<b>BS-240<sup>4</sup></b>	480	407 — 553	24	<b>BS-600<sup>14</sup></b>	494	421 — 567	24
		<b>BS-240E<sup>5</sup></b>	483	410 — 556	24	<b>BS-600M<sup>15</sup></b>	491	418 — 564	24
<b>BS-300<sup>6</sup></b>	489	416 — 562	24	<b>BS-620M<sup>16</sup></b>	491	418 — 564	24		
<b>BS-330E<sup>7</sup></b>	488	415 — 561	24	<b>BS-800<sup>17</sup></b>	492	420 — 565	24		

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>ALP</b>	U/L	BS-360E <sup>8</sup>	488	415	—	561	24	BS-2000 <sup>18</sup>	496	423	—	568	24
		BS-380 <sup>9</sup>	496	423	—	568	24	BS-2800M <sup>19</sup>	491	418	—	564	24
		BS-120 <sup>1</sup>	106	91	—	121	5	BS-400 <sup>10</sup>	107	92	—	122	5
		BS-200 <sup>2</sup>	103	88	—	118	5	BS-430 <sup>11</sup>	107	92	—	122	5
		BS-200E <sup>3</sup>	106	91	—	121	5	BS-480 <sup>13</sup>	105	90	—	120	5
		BS-240 <sup>4</sup>	103	88	—	118	5	BS-600 <sup>14</sup>	105	90	—	120	5
		BS-240E <sup>5</sup>	103	88	—	118	5	BS-600M <sup>15</sup>	107	92	—	122	5
		BS-300 <sup>6</sup>	102	87	—	117	5	BS-620M <sup>16</sup>	107	92	—	122	5
		BS-330E <sup>7</sup>	106	91	—	121	5	BS-800 <sup>17</sup>	105	90	—	120	5
	µkat/L	BS-360E <sup>8</sup>	105	90	—	120	5	BS-2000 <sup>18</sup>	107	92	—	122	5
		BS-380 <sup>9</sup>	107	92	—	122	5	BS-2800M <sup>19</sup>	108	93	—	123	5
		BS-120 <sup>1</sup>	1.77	1.52	—	2.02	0.08	BS-400 <sup>10</sup>	1.79	1.54	—	2.04	0.08
		BS-200 <sup>2</sup>	1.72	1.47	—	1.97	0.08	BS-430 <sup>11</sup>	1.79	1.54	—	2.04	0.08
		BS-200E <sup>3</sup>	1.77	1.52	—	2.02	0.08	BS-480 <sup>13</sup>	1.75	1.50	—	2.00	0.08
		BS-240 <sup>4</sup>	1.72	1.47	—	1.97	0.08	BS-600 <sup>14</sup>	1.75	1.50	—	2.00	0.08
		BS-240E <sup>5</sup>	1.72	1.47	—	1.97	0.08	BS-600M <sup>15</sup>	1.79	1.54	—	2.04	0.08
		BS-300 <sup>6</sup>	1.70	1.45	—	1.95	0.08	BS-620M <sup>16</sup>	1.79	1.54	—	2.04	0.08
		BS-330E <sup>7</sup>	1.77	1.52	—	2.02	0.08	BS-800 <sup>17</sup>	1.75	1.50	—	2.00	0.08
<b>ALT</b>	U/L	BS-360E <sup>8</sup>	1.75	1.50	—	2.00	0.08	BS-2000 <sup>18</sup>	1.79	1.54	—	2.04	0.08
		BS-380 <sup>9</sup>	1.79	1.54	—	2.04	0.08	BS-2800M <sup>19</sup>	1.80	1.55	—	2.05	0.08
		BS-120 <sup>1</sup>	56.7	48.3	—	65.1	2.8	BS-400 <sup>10</sup>	56.1	47.7	—	64.5	2.8
		BS-200 <sup>2</sup>	56.7	48.3	—	65.1	2.8	BS-430 <sup>11</sup>	55.6	47.2	—	64.0	2.8
		BS-200E <sup>3</sup>	56.5	48.1	—	64.9	2.8	BS-480 <sup>13</sup>	56.2	47.8	—	64.6	2.8
		BS-240 <sup>4</sup>	55.3	46.9	—	63.7	2.8	BS-600 <sup>14</sup>	55.6	47.2	—	64.0	2.8
		BS-240E <sup>5</sup>	55.4	47.0	—	63.8	2.8	BS-600M <sup>15</sup>	55.5	47.1	—	63.9	2.8
		BS-300 <sup>6</sup>	54.5	46.4	—	62.6	2.7	BS-620M <sup>16</sup>	55.5	47.1	—	63.9	2.8
		BS-330E <sup>7</sup>	56.5	48.1	—	64.9	2.8	BS-800 <sup>17</sup>	55.6	47.2	—	64.0	2.8
	µkat/L	BS-360E <sup>8</sup>	55.3	46.9	—	63.7	2.8	BS-2000 <sup>18</sup>	55.6	47.2	—	64.0	2.8
		BS-380 <sup>9</sup>	56.1	47.7	—	64.5	2.8	BS-2800M <sup>19</sup>	55.5	47.1	—	63.9	2.8
		BS-120 <sup>1</sup>	0.947	0.807	—	1.087	0.047	BS-400 <sup>10</sup>	0.937	0.797	—	1.077	0.047
		BS-200 <sup>2</sup>	0.947	0.807	—	1.087	0.047	BS-430 <sup>11</sup>	0.929	0.788	—	1.069	0.047
		BS-200E <sup>3</sup>	0.944	0.803	—	1.084	0.047	BS-480 <sup>13</sup>	0.939	0.798	—	1.079	0.047
		BS-240 <sup>4</sup>	0.924	0.783	—	1.064	0.047	BS-600 <sup>14</sup>	0.929	0.788	—	1.069	0.047
		BS-240E <sup>5</sup>	0.925	0.785	—	1.065	0.047	BS-600M <sup>15</sup>	0.927	0.787	—	1.067	0.047
		BS-300 <sup>6</sup>	0.910	0.775	—	1.045	0.045	BS-620M <sup>16</sup>	0.927	0.787	—	1.067	0.047
		BS-330E <sup>7</sup>	0.944	0.803	—	1.084	0.047	BS-800 <sup>17</sup>	0.929	0.788	—	1.069	0.047
<b>α-AMY</b>	U/L	BS-360E <sup>8</sup>	0.924	0.783	—	1.064	0.047	BS-2000 <sup>18</sup>	0.929	0.788	—	1.069	0.047
		BS-380 <sup>9</sup>	0.937	0.797	—	1.077	0.047	BS-2800M <sup>19</sup>	0.927	0.787	—	1.067	0.047
		BS-120 <sup>1</sup>	84.4	71.8	—	97.0	4.2	BS-400 <sup>10</sup>	85.2	72.3	—	98.1	4.3
		BS-200 <sup>2</sup>	84.1	71.5	—	96.7	4.2	BS-430 <sup>11</sup>	84.7	72.1	—	97.3	4.2
		BS-200E <sup>3</sup>	84.3	71.7	—	96.9	4.2	BS-480 <sup>13</sup>	85.4	72.5	—	98.3	4.3
		BS-240 <sup>4</sup>	85.3	72.4	—	98.2	4.3	BS-600 <sup>14</sup>	84.6	72.0	—	97.2	4.2
		BS-240E <sup>5</sup>	84.4	71.8	—	97.0	4.2	BS-600M <sup>15</sup>	85.1	72.2	—	98.0	4.3
		BS-300 <sup>6</sup>	86.2	73.3	—	99.1	4.3	BS-620M <sup>16</sup>	85.1	72.2	—	98.0	4.3
		BS-330E <sup>7</sup>	84.3	71.7	—	96.9	4.2	BS-800 <sup>17</sup>	84.8	72.2	—	97.4	4.2
	µkat/L	BS-360E <sup>8</sup>	84.8	72.2	—	97.4	4.2	BS-2000 <sup>18</sup>	84.9	72.3	—	97.5	4.2
		BS-380 <sup>9</sup>	85.2	72.3	—	98.1	4.3	BS-2800M <sup>19</sup>	85.1	72.2	—	98.0	4.3
		BS-120 <sup>1</sup>	1.41	1.20	—	1.62	0.07	BS-400 <sup>10</sup>	1.42	1.21	—	1.64	0.07
		BS-200 <sup>2</sup>	1.40	1.19	—	1.61	0.07	BS-430 <sup>11</sup>	1.41	1.20	—	1.62	0.07
		BS-200E <sup>3</sup>	1.41	1.20	—	1.62	0.07	BS-480 <sup>13</sup>	1.43	1.21	—	1.64	0.07
		BS-240 <sup>4</sup>	1.42	1.21	—	1.64	0.07	BS-600 <sup>14</sup>	1.41	1.20	—	1.62	0.07
		BS-240E <sup>5</sup>	1.41	1.20	—	1.62	0.07	BS-600M <sup>15</sup>	1.42	1.21	—	1.64	0.07
		BS-300 <sup>6</sup>	1.44	1.22	—	1.65	0.07	BS-620M <sup>16</sup>	1.42	1.21	—	1.64	0.07
		BS-330E <sup>7</sup>	1.41	1.20	—	1.62	0.07	BS-800 <sup>17</sup>	1.42	1.21	—	1.63	0.07
BS-360E <sup>8</sup>	1.42	1.21	—	1.63	0.07	BS-2000 <sup>18</sup>	1.42	1.21	—	1.63	0.07		
BS-380 <sup>9</sup>	1.42	1.21	—	1.64	0.07	BS-2800M <sup>19</sup>	1.42	1.21	—	1.64	0.07		

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>AST</b>	U/L	BS-120 <sup>1</sup>	48.3	41.1	—	55.5	2.4	BS-400 <sup>10</sup>	47.4	40.2	—	54.6	2.4
		BS-200 <sup>2</sup>	49.7	42.2	—	57.2	2.5	BS-430 <sup>11</sup>	48.5	41.3	—	55.7	2.4
		BS-200E <sup>3</sup>	47.3	40.1	—	54.5	2.4	BS-480 <sup>13</sup>	48.5	41.3	—	55.7	2.4
		BS-240 <sup>4</sup>	48.8	41.6	—	56.0	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>	49.4	41.9	—	56.9	2.5
		BS-300 <sup>6</sup>	47.4	40.2	—	54.6	2.4	BS-620M <sup>16</sup>	49.4	41.9	—	56.9	2.5
		BS-330E <sup>7</sup>	47.3	40.1	—	54.5	2.4	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>	48.0	40.8	—	55.2	2.4
		BS-380 <sup>9</sup>	47.4	40.2	—	54.6	2.4	BS-2800M <sup>19</sup>	49.4	41.9	—	56.9	2.5
	µkat/L	BS-120 <sup>1</sup>	0.807	0.686	—	0.927	0.040	BS-400 <sup>10</sup>	0.792	0.671	—	0.912	0.040
		BS-200 <sup>2</sup>	0.830	0.705	—	0.955	0.042	BS-430 <sup>11</sup>	0.810	0.690	—	0.930	0.040
		BS-200E <sup>3</sup>	0.790	0.670	—	0.910	0.040	BS-480 <sup>13</sup>	0.810	0.690	—	0.930	0.040
		BS-240 <sup>4</sup>	0.815	0.695	—	0.935	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>	0.825	0.700	—	0.950	0.042
		BS-300 <sup>6</sup>	0.792	0.671	—	0.912	0.040	BS-620M <sup>16</sup>	0.825	0.700	—	0.950	0.042
		BS-330E <sup>7</sup>	0.790	0.670	—	0.910	0.040	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>	0.802	0.681	—	0.922	0.040
		BS-380 <sup>9</sup>	0.792	0.671	—	0.912	0.040	BS-2800M <sup>19</sup>	0.825	0.700	—	0.950	0.042
	<b>Bil-D (DSA) II</b>	µmol/L	BS-120 <sup>1</sup>	16.4	12.8	—	20.0	1.2	BS-400 <sup>10</sup>	16.5	12.9	—	20.1
BS-200 <sup>2</sup>			16.4	12.8	—	20.0	1.2	BS-430 <sup>11</sup>	16.7	12.8	—	20.6	1.3
BS-200E <sup>3</sup>			16.3	12.7	—	19.9	1.2	BS-480 <sup>13</sup>	16.4	12.8	—	20.0	1.2
BS-240 <sup>4</sup>			16.2	12.6	—	19.8	1.2	BS-600 <sup>14</sup>	16.6	13.0	—	20.2	1.2
BS-240E <sup>5</sup>			16.6	13.0	—	20.2	1.2	BS-600M <sup>15</sup>	16.8	12.9	—	20.7	1.3
BS-300 <sup>6</sup>			16.5	12.9	—	20.1	1.2	BS-620M <sup>16</sup>	16.8	12.9	—	20.7	1.3
BS-330E <sup>7</sup>			16.3	12.7	—	19.9	1.2	BS-800 <sup>17</sup>	16.7	12.8	—	20.6	1.3
BS-360E <sup>8</sup>			16.7	12.8	—	20.6	1.3	BS-2000 <sup>18</sup>	16.7	12.8	—	20.6	1.3
BS-380 <sup>9</sup>			16.3	12.7	—	19.9	1.2	BS-2800M <sup>19</sup>	16.8	12.9	—	20.7	1.3
mg/dL		BS-120 <sup>1</sup>	0.959	0.749	—	1.170	0.070	BS-400 <sup>10</sup>	0.965	0.754	—	1.175	0.070
		BS-200 <sup>2</sup>	0.959	0.749	—	1.170	0.070	BS-430 <sup>11</sup>	0.977	0.749	—	1.205	0.076
		BS-200E <sup>3</sup>	0.953	0.743	—	1.164	0.070	BS-480 <sup>13</sup>	0.959	0.749	—	1.170	0.070
		BS-240 <sup>4</sup>	0.947	0.737	—	1.158	0.070	BS-600 <sup>14</sup>	0.971	0.760	—	1.181	0.070
		BS-240E <sup>5</sup>	0.971	0.760	—	1.181	0.070	BS-600M <sup>15</sup>	0.982	0.754	—	1.211	0.076
		BS-300 <sup>6</sup>	0.965	0.754	—	1.175	0.070	BS-620M <sup>16</sup>	0.982	0.754	—	1.211	0.076
		BS-330E <sup>7</sup>	0.953	0.743	—	1.164	0.070	BS-800 <sup>17</sup>	0.977	0.749	—	1.205	0.076
		BS-360E <sup>8</sup>	0.977	0.749	—	1.205	0.076	BS-2000 <sup>18</sup>	0.977	0.749	—	1.205	0.076
		BS-380 <sup>9</sup>	0.953	0.743	—	1.164	0.070	BS-2800M <sup>19</sup>	0.982	0.754	—	1.211	0.076
<b>Bil-D (VOX)</b>		µmol/L	BS-120 <sup>1</sup>	10.3	7.9	—	12.7	0.8	BS-400 <sup>10</sup>	9.65	7.49	—	11.81
	BS-200 <sup>2</sup>		10.3	7.9	—	12.7	0.8	BS-430 <sup>11</sup>	9.98	7.73	—	12.23	0.75
	BS-200E <sup>3</sup>		10.2	7.8	—	12.6	0.8	BS-480 <sup>13</sup>	9.83	7.61	—	12.05	0.74
	BS-240 <sup>4</sup>		10.0	7.6	—	12.4	0.8	BS-600 <sup>14</sup>	9.98	7.73	—	12.23	0.75
	BS-240E <sup>5</sup>		9.98	7.73	—	12.23	0.75	BS-600M <sup>15</sup>	10.3	7.9	—	12.7	0.8
	BS-300 <sup>6</sup>		9.65	7.49	—	11.81	0.72	BS-620M <sup>16</sup>	10.3	7.9	—	12.7	0.8
	BS-330E <sup>7</sup>		10.2	7.8	—	12.6	0.8	BS-800 <sup>17</sup>	9.98	7.73	—	12.23	0.75
	BS-360E <sup>8</sup>		9.98	7.73	—	12.23	0.75	BS-2000 <sup>18</sup>	10.2	7.8	—	12.6	0.8
	BS-380 <sup>9</sup>		9.65	7.49	—	11.81	0.72	BS-2800M <sup>19</sup>	10.3	7.9	—	12.7	0.8
	mg/dL	BS-120 <sup>1</sup>	0.602	0.462	—	0.743	0.047	BS-400 <sup>10</sup>	0.564	0.438	—	0.691	0.042
		BS-200 <sup>2</sup>	0.602	0.462	—	0.743	0.047	BS-430 <sup>11</sup>	0.584	0.452	—	0.715	0.044
		BS-200E <sup>3</sup>	0.596	0.456	—	0.737	0.047	BS-480 <sup>13</sup>	0.575	0.445	—	0.705	0.043
		BS-240 <sup>4</sup>	0.585	0.444	—	0.725	0.047	BS-600 <sup>14</sup>	0.584	0.452	—	0.715	0.044
		BS-240E <sup>5</sup>	0.584	0.452	—	0.715	0.044	BS-600M <sup>15</sup>	0.602	0.462	—	0.743	0.047
		BS-300 <sup>6</sup>	0.564	0.438	—	0.691	0.042	BS-620M <sup>16</sup>	0.602	0.462	—	0.743	0.047
		BS-330E <sup>7</sup>	0.596	0.456	—	0.737	0.047	BS-800 <sup>17</sup>	0.584	0.452	—	0.715	0.044
		BS-360E <sup>8</sup>	0.584	0.452	—	0.715	0.044	BS-2000 <sup>18</sup>	0.596	0.456	—	0.737	0.047
		BS-380 <sup>9</sup>	0.564	0.438	—	0.691	0.042	BS-2800M <sup>19</sup>	0.602	0.462	—	0.743	0.047
			BS-120 <sup>1</sup>	17.6	13.7	—	21.5	1.3	BS-400 <sup>10</sup>	17.5	13.6	—	21.4
		BS-200 <sup>2</sup>	17.6	13.7	—	21.5	1.3	BS-430 <sup>11</sup>	18.0	13.8	—	22.2	1.4

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>	17.5	13.6	—	21.4	1.3	BS-480 <sup>13</sup>	17.1	13.2	—	21.0	1.3
		BS-240 <sup>4</sup>	17.4	13.5	—	21.3	1.3	BS-600 <sup>14</sup>	18.0	13.8	—	22.2	1.4
		BS-240E <sup>5</sup>	17.5	13.6	—	21.4	1.3	BS-600M <sup>15</sup>	18.0	13.8	—	22.2	1.4
		BS-300 <sup>6</sup>	17.5	13.6	—	21.4	1.3	BS-620M <sup>16</sup>	18.0	13.8	—	22.2	1.4
		BS-330E <sup>7</sup>	17.5	13.6	—	21.4	1.3	BS-800 <sup>17</sup>	18.0	13.8	—	22.2	1.4
		BS-360E <sup>8</sup>	18.0	13.8	—	22.2	1.4	BS-2000 <sup>18</sup>	18.2	14.0	—	22.4	1.4
		BS-380 <sup>9</sup>	17.5	13.6	—	21.4	1.3	BS-2800M <sup>19</sup>	18.0	13.8	—	22.2	1.4
		BS-120 <sup>1</sup>	1.03	0.80	—	1.26	0.08	BS-400 <sup>10</sup>	1.02	0.80	—	1.25	0.08
		BS-200 <sup>2</sup>	1.03	0.80	—	1.26	0.08	BS-430 <sup>11</sup>	1.05	0.81	—	1.30	0.08
	mg/dL	BS-200E <sup>3</sup>	1.02	0.80	—	1.25	0.08	BS-480 <sup>13</sup>	1.00	0.77	—	1.23	0.08
		BS-240 <sup>4</sup>	1.02	0.79	—	1.25	0.08	BS-600 <sup>14</sup>	1.05	0.81	—	1.30	0.08
		BS-240E <sup>5</sup>	1.02	0.80	—	1.25	0.08	BS-600M <sup>15</sup>	1.05	0.81	—	1.30	0.08
		BS-300 <sup>6</sup>	1.02	0.80	—	1.25	0.08	BS-620M <sup>16</sup>	1.05	0.81	—	1.30	0.08
		BS-330E <sup>7</sup>	1.02	0.80	—	1.25	0.08	BS-800 <sup>17</sup>	1.05	0.81	—	1.30	0.08
		BS-360E <sup>8</sup>	1.05	0.81	—	1.30	0.08	BS-2000 <sup>18</sup>	1.06	0.82	—	1.31	0.08
		BS-380 <sup>9</sup>	1.02	0.80	—	1.25	0.08	BS-2800M <sup>19</sup>	1.05	0.81	—	1.30	0.08
		BS-120 <sup>1</sup>	15.8	12.2	—	19.4	1.2	BS-400 <sup>10</sup>	15.8	12.2	—	19.4	1.2
		BS-200 <sup>2</sup>	15.8	12.2	—	19.4	1.2	BS-430 <sup>11</sup>	15.9	12.3	—	19.5	1.2
Bil-T (VOX)	μmol/L	BS-200E <sup>3</sup>	15.8	12.2	—	19.4	1.2	BS-480 <sup>13</sup>	15.9	12.3	—	19.5	1.2
		BS-240 <sup>4</sup>	15.8	12.2	—	19.4	1.2	BS-600 <sup>14</sup>	15.9	12.3	—	19.5	1.2
		BS-240E <sup>5</sup>	15.9	12.3	—	19.5	1.2	BS-600M <sup>15</sup>	15.9	12.3	—	19.5	1.2
		BS-300 <sup>6</sup>	15.8	12.2	—	19.4	1.2	BS-620M <sup>16</sup>	15.9	12.3	—	19.5	1.2
		BS-330E <sup>7</sup>	15.8	12.2	—	19.4	1.2	BS-800 <sup>17</sup>	15.9	12.3	—	19.5	1.2
		BS-360E <sup>8</sup>	15.9	12.3	—	19.5	1.2	BS-2000 <sup>18</sup>	16.0	12.4	—	19.6	1.2
		BS-380 <sup>9</sup>	15.8	12.2	—	19.4	1.2	BS-2800M <sup>19</sup>	15.9	12.3	—	19.5	1.2
		BS-120 <sup>1</sup>	0.924	0.713	—	1.135	0.070	BS-400 <sup>10</sup>	0.924	0.713	—	1.135	0.070
		BS-200 <sup>2</sup>	0.924	0.713	—	1.135	0.070	BS-430 <sup>11</sup>	0.930	0.719	—	1.140	0.070
	mg/dL	BS-200E <sup>3</sup>	0.924	0.713	—	1.135	0.070	BS-480 <sup>13</sup>	0.930	0.719	—	1.140	0.070
		BS-240 <sup>4</sup>	0.924	0.713	—	1.135	0.070	BS-600 <sup>14</sup>	0.930	0.719	—	1.140	0.070
		BS-240E <sup>5</sup>	0.930	0.719	—	1.140	0.070	BS-600M <sup>15</sup>	0.930	0.719	—	1.140	0.070
		BS-300 <sup>6</sup>	0.924	0.713	—	1.135	0.070	BS-620M <sup>16</sup>	0.930	0.719	—	1.140	0.070
		BS-330E <sup>7</sup>	0.924	0.713	—	1.135	0.070	BS-800 <sup>17</sup>	0.930	0.719	—	1.140	0.070
		BS-360E <sup>8</sup>	0.930	0.719	—	1.140	0.070	BS-2000 <sup>18</sup>	0.936	0.725	—	1.146	0.070
		BS-380 <sup>9</sup>	0.924	0.713	—	1.135	0.070	BS-2800M <sup>19</sup>	0.930	0.719	—	1.140	0.070
		BS-120 <sup>1</sup>	2.13	1.89	—	2.37	0.08	BS-400 <sup>10</sup>	2.13	1.89	—	2.37	0.08
		BS-200 <sup>2</sup>	2.12	1.88	—	2.36	0.08	BS-430 <sup>11</sup>	2.09	1.85	—	2.33	0.08
Ca	mmol/L	BS-200E <sup>3</sup>	2.09	1.85	—	2.33	0.08	BS-480 <sup>13</sup>	2.11	1.87	—	2.35	0.08
		BS-240 <sup>4</sup>	2.16	1.92	—	2.40	0.08	BS-600 <sup>14</sup>	2.07	1.83	—	2.31	0.08
		BS-240E <sup>5</sup>	2.11	1.87	—	2.35	0.08	BS-600M <sup>15</sup>	2.10	1.86	—	2.34	0.08
		BS-300 <sup>6</sup>	2.08	1.84	—	2.32	0.08	BS-620M <sup>16</sup>	2.10	1.86	—	2.34	0.08
		BS-330E <sup>7</sup>	2.09	1.85	—	2.33	0.08	BS-800 <sup>17</sup>	2.10	1.86	—	2.34	0.08
		BS-360E <sup>8</sup>	2.07	1.83	—	2.31	0.08	BS-2000 <sup>18</sup>	2.14	1.90	—	2.38	0.08
		BS-380 <sup>9</sup>	2.16	1.92	—	2.40	0.08	BS-2800M <sup>19</sup>	2.13	1.89	—	2.37	0.08
		BS-120 <sup>1</sup>	8.54	7.58	—	9.50	0.32	BS-400 <sup>10</sup>	8.54	7.58	—	9.50	0.32
		BS-200 <sup>2</sup>	8.50	7.54	—	9.46	0.32	BS-430 <sup>11</sup>	8.38	7.42	—	9.34	0.32
	mg/dL	BS-200E <sup>3</sup>	8.38	7.42	—	9.34	0.32	BS-480 <sup>13</sup>	8.46	7.50	—	9.42	0.32
		BS-240 <sup>4</sup>	8.66	7.70	—	9.62	0.32	BS-600 <sup>14</sup>	8.30	7.34	—	9.26	0.32
		BS-240E <sup>5</sup>	8.46	7.50	—	9.42	0.32	BS-600M <sup>15</sup>	8.42	7.46	—	9.38	0.32
		BS-300 <sup>6</sup>	8.34	7.38	—	9.30	0.32	BS-620M <sup>16</sup>	8.42	7.46	—	9.38	0.32
		BS-330E <sup>7</sup>	8.38	7.42	—	9.34	0.32	BS-800 <sup>17</sup>	8.42	7.46	—	9.38	0.32
		BS-360E <sup>8</sup>	8.30	7.34	—	9.26	0.32	BS-2000 <sup>18</sup>	8.58	7.62	—	9.54	0.32
		BS-380 <sup>9</sup>	8.66	7.70	—	9.62	0.32	BS-2800M <sup>19</sup>	8.54	7.58	—	9.50	0.32
		BS-120 <sup>1</sup>	2.69	2.33	—	3.05	0.12	BS-400 <sup>10</sup>	2.68	2.32	—	3.04	0.12
		BS-200 <sup>2</sup>	2.65	2.29	—	3.01	0.12	BS-430 <sup>11</sup>	2.67	2.31	—	3.03	0.12
BS-200E <sup>3</sup>	2.68	2.32	—	3.04	0.12	BS-480 <sup>13</sup>	2.67	2.31	—	3.03	0.12		
BS-240 <sup>4</sup>	2.76	2.40	—	3.12	0.12	BS-600 <sup>14</sup>	2.67	2.31	—	3.03	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>	2.61	2.25	—	2.97	0.12	BS-600M <sup>15</sup>	2.66	2.30	—	3.02	0.12		
		BS-300 <sup>6</sup>	2.76	2.40	—	3.12	0.12	BS-620M <sup>16</sup>	2.66	2.30	—	3.02	0.12		
		BS-330E <sup>7</sup>	2.68	2.32	—	3.04	0.12	BS-800 <sup>17</sup>	2.67	2.31	—	3.03	0.12		
		BS-360E <sup>8</sup>	2.61	2.25	—	2.97	0.12	BS-2000 <sup>18</sup>	2.71	2.35	—	3.07	0.12		
		BS-380 <sup>9</sup>	2.68	2.32	—	3.04	0.12	BS-2800M <sup>19</sup>	2.66	2.30	—	3.02	0.12		
		BS-120 <sup>1</sup>	104	90	—	118	5	BS-400 <sup>10</sup>	104	90	—	118	5		
		BS-200 <sup>2</sup>	102	89	—	116	5	BS-430 <sup>11</sup>	103	89	—	117	5		
		BS-200E <sup>3</sup>	104	90	—	118	5	BS-480 <sup>13</sup>	103	89	—	117	5		
		BS-240 <sup>4</sup>	107	93	—	121	5	BS-600 <sup>14</sup>	103	89	—	117	5		
	mg/dL	BS-240E <sup>5</sup>	101	87	—	115	5	BS-600M <sup>15</sup>	103	89	—	117	5		
		BS-300 <sup>6</sup>	107	93	—	121	5	BS-620M <sup>16</sup>	103	89	—	117	5		
		BS-330E <sup>7</sup>	104	90	—	118	5	BS-800 <sup>17</sup>	103	89	—	117	5		
		BS-360E <sup>8</sup>	101	87	—	115	5	BS-2000 <sup>18</sup>	105	91	—	119	5		
		BS-380 <sup>9</sup>	104	90	—	118	5	BS-2800M <sup>19</sup>	103	89	—	117	5		
		HDL-C	mmol/L	BS-120 <sup>1</sup>	0.858	0.666	—	1.050	0.064	BS-400 <sup>10</sup>	0.859	0.667	—	1.051	0.064
				BS-200 <sup>2</sup>	0.807	0.624	—	0.990	0.061	BS-430 <sup>11</sup>	0.824	0.638	—	1.010	0.062
				BS-200E <sup>3</sup>	0.836	0.647	—	1.025	0.063	BS-480 <sup>13</sup>	0.831	0.645	—	1.017	0.062
				BS-240 <sup>4</sup>	0.852	0.660	—	1.044	0.064	BS-600 <sup>14</sup>	0.832	0.646	—	1.018	0.062
BS-240E <sup>5</sup>	0.800			0.620	—	0.980	0.060	BS-600M <sup>15</sup>	0.837	0.648	—	1.026	0.063		
BS-300 <sup>6</sup>	0.839			0.650	—	1.028	0.063	BS-620M <sup>16</sup>	0.837	0.648	—	1.026	0.063		
BS-330E <sup>7</sup>	0.836			0.647	—	1.025	0.063	BS-800 <sup>17</sup>	0.839	0.650	—	1.028	0.063		
BS-360E <sup>8</sup>	0.814			0.631	—	0.997	0.061	BS-2000 <sup>18</sup>	0.841	0.652	—	1.030	0.063		
BS-380 <sup>9</sup>	0.852			0.660	—	1.044	0.064	BS-2800M <sup>19</sup>	0.856	0.664	—	1.048	0.064		
mg/dL	BS-120 <sup>1</sup>		33.2	25.7	—	40.6	2.5	BS-400 <sup>10</sup>	33.2	25.8	—	40.6	2.5		
	BS-200 <sup>2</sup>		31.2	24.1	—	38.3	2.4	BS-430 <sup>11</sup>	31.9	24.7	—	39.0	2.4		
	BS-200E <sup>3</sup>		32.3	25.0	—	39.6	2.4	BS-480 <sup>13</sup>	32.1	24.9	—	39.3	2.4		
	BS-240 <sup>4</sup>		32.9	25.5	—	40.4	2.5	BS-600 <sup>14</sup>	32.2	25.0	—	39.4	2.4		
	BS-240E <sup>5</sup>		30.9	24.0	—	37.9	2.3	BS-600M <sup>15</sup>	32.4	25.1	—	39.7	2.4		
	BS-300 <sup>6</sup>		32.4	25.1	—	39.7	2.4	BS-620M <sup>16</sup>	32.4	25.1	—	39.7	2.4		
	BS-330E <sup>7</sup>		32.3	25.0	—	39.6	2.4	BS-800 <sup>17</sup>	32.4	25.1	—	39.7	2.4		
	BS-360E <sup>8</sup>		31.5	24.4	—	38.5	2.4	BS-2000 <sup>18</sup>	32.5	25.2	—	39.8	2.4		
	BS-380 <sup>9</sup>		32.9	25.5	—	40.4	2.5	BS-2800M <sup>19</sup>	33.1	25.7	—	40.5	2.5		
LDL-C	mmol/L	BS-120 <sup>1</sup>	1.58	1.22	—	1.94	0.12	BS-400 <sup>10</sup>	1.62	1.26	—	1.98	0.12		
		BS-200 <sup>2</sup>	1.58	1.22	—	1.94	0.12	BS-430 <sup>11</sup>	1.62	1.26	—	1.98	0.12		
		BS-200E <sup>3</sup>	1.61	1.25	—	1.97	0.12	BS-480 <sup>13</sup>	1.64	1.28	—	2.00	0.12		
		BS-240 <sup>4</sup>	1.58	1.22	—	1.94	0.12	BS-600 <sup>14</sup>	1.65	1.29	—	2.01	0.12		
		BS-240E <sup>5</sup>	1.60	1.24	—	1.96	0.12	BS-600M <sup>15</sup>	1.64	1.28	—	2.00	0.12		
		BS-300 <sup>6</sup>	1.61	1.25	—	1.97	0.12	BS-620M <sup>16</sup>	1.64	1.28	—	2.00	0.12		
		BS-330E <sup>7</sup>	1.61	1.25	—	1.97	0.12	BS-800 <sup>17</sup>	1.66	1.30	—	2.02	0.12		
		BS-360E <sup>8</sup>	1.63	1.27	—	1.99	0.12	BS-2000 <sup>18</sup>	1.64	1.28	—	2.00	0.12		
		BS-380 <sup>9</sup>	1.62	1.26	—	1.98	0.12	BS-2800M <sup>19</sup>	1.64	1.28	—	2.00	0.12		
	mg/dL	BS-120 <sup>1</sup>	61.1	47.2	—	75.0	4.6	BS-400 <sup>10</sup>	62.6	48.7	—	76.5	4.6		
		BS-200 <sup>2</sup>	61.1	47.2	—	75.0	4.6	BS-430 <sup>11</sup>	62.6	48.7	—	76.5	4.6		
		BS-200E <sup>3</sup>	62.2	48.3	—	76.2	4.6	BS-480 <sup>13</sup>	63.4	49.5	—	77.3	4.6		
		BS-240 <sup>4</sup>	61.1	47.2	—	75.0	4.6	BS-600 <sup>14</sup>	63.8	49.9	—	77.7	4.6		
		BS-240E <sup>5</sup>	61.9	47.9	—	75.8	4.6	BS-600M <sup>15</sup>	63.4	49.5	—	77.3	4.6		
		BS-300 <sup>6</sup>	62.2	48.3	—	76.2	4.6	BS-620M <sup>16</sup>	63.4	49.5	—	77.3	4.6		
		BS-330E <sup>7</sup>	62.2	48.3	—	76.2	4.6	BS-800 <sup>17</sup>	64.2	50.3	—	78.1	4.6		
		BS-360E <sup>8</sup>	63.0	49.1	—	76.9	4.6	BS-2000 <sup>18</sup>	63.4	49.5	—	77.3	4.6		
		BS-380 <sup>9</sup>	62.6	48.7	—	76.5	4.6	BS-2800M <sup>19</sup>	63.4	49.5	—	77.3	4.6		
U/L	BS-120 <sup>1</sup>	147	126	—	168	7	BS-400 <sup>10</sup>	147	126	—	168	7			
	BS-200 <sup>2</sup>	145	124	—	166	7	BS-430 <sup>11</sup>	146	125	—	167	7			
	BS-200E <sup>3</sup>	147	126	—	168	7	BS-480 <sup>13</sup>	144	123	—	165	7			
	BS-240 <sup>4</sup>	148	127	—	169	7	BS-600 <sup>14</sup>	145	124	—	166	7			
	BS-240E <sup>5</sup>	146	125	—	167	7	BS-600M <sup>15</sup>	142	121	—	163	7			
	BS-300 <sup>6</sup>	147	126	—	168	7	BS-620M <sup>16</sup>	142	121	—	163	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>	147	126	—	168	7	BS-800 <sup>17</sup>	146	125	—	167	7
		BS-360E <sup>8</sup>	146	125	—	167	7	BS-2000 <sup>18</sup>	141	120	—	162	7
		BS-380 <sup>9</sup>	147	126	—	168	7	BS-2800M <sup>19</sup>	142	121	—	163	7
		BS-120 <sup>1</sup>	2.45	2.10	—	2.81	0.12	BS-400 <sup>10</sup>	2.45	2.10	—	2.81	0.12
		BS-200 <sup>2</sup>	2.42	2.07	—	2.77	0.12	BS-430 <sup>11</sup>	2.44	2.09	—	2.79	0.12
		BS-200E <sup>3</sup>	2.45	2.10	—	2.81	0.12	BS-480 <sup>13</sup>	2.40	2.05	—	2.76	0.12
		BS-240 <sup>4</sup>	2.47	2.12	—	2.82	0.12	BS-600 <sup>14</sup>	2.42	2.07	—	2.77	0.12
		BS-240E <sup>5</sup>	2.44	2.09	—	2.79	0.12	BS-600M <sup>15</sup>	2.37	2.02	—	2.72	0.12
		BS-300 <sup>6</sup>	2.45	2.10	—	2.81	0.12	BS-620M <sup>16</sup>	2.37	2.02	—	2.72	0.12
		BS-330E <sup>7</sup>	2.45	2.10	—	2.81	0.12	BS-800 <sup>17</sup>	2.44	2.09	—	2.79	0.12
		BS-360E <sup>8</sup>	2.44	2.09	—	2.79	0.12	BS-2000 <sup>18</sup>	2.35	2.00	—	2.71	0.12
		BS-380 <sup>9</sup>	2.45	2.10	—	2.81	0.12	BS-2800M <sup>19</sup>	2.37	2.02	—	2.72	0.12
CK-MB	U/L	BS-120 <sup>1</sup>	42.9	33.3	—	52.5	3.2	BS-400 <sup>10</sup>	43.5	33.6	—	53.4	3.3
		BS-200 <sup>2</sup>	43.5	33.6	—	53.4	3.3	BS-430 <sup>11</sup>	43.2	33.6	—	52.8	3.2
		BS-200E <sup>3</sup>	42.5	32.9	—	52.1	3.2	BS-480 <sup>13</sup>	44.6	34.7	—	54.5	3.3
		BS-240 <sup>4</sup>	43.6	33.7	—	53.5	3.3	BS-600 <sup>14</sup>	43.2	33.6	—	52.8	3.2
		BS-240E <sup>5</sup>	44.0	34.1	—	53.9	3.3	BS-600M <sup>15</sup>	43.5	33.6	—	53.4	3.3
		BS-300 <sup>6</sup>	44.7	34.5	—	54.9	3.4	BS-620M <sup>16</sup>	43.5	33.6	—	53.4	3.3
		BS-330E <sup>7</sup>	42.5	32.9	—	52.1	3.2	BS-800 <sup>17</sup>	43.1	33.5	—	52.7	3.2
		BS-360E <sup>8</sup>	41.9	32.6	—	51.2	3.1	BS-2000 <sup>18</sup>	43.5	33.6	—	53.4	3.3
		BS-380 <sup>9</sup>	44.0	34.1	—	53.9	3.3	BS-2800M <sup>19</sup>	44.2	34.3	—	54.1	3.3
		BS-120 <sup>1</sup>	0.716	0.556	—	0.877	0.053	BS-400 <sup>10</sup>	0.726	0.561	—	0.892	0.055
		BS-200 <sup>2</sup>	0.726	0.561	—	0.892	0.055	BS-430 <sup>11</sup>	0.721	0.561	—	0.882	0.053
		BS-200E <sup>3</sup>	0.710	0.549	—	0.870	0.053	BS-480 <sup>13</sup>	0.745	0.579	—	0.910	0.055
CREA (SOX)	μmol/L	BS-240 <sup>4</sup>	0.728	0.563	—	0.893	0.055	BS-600 <sup>14</sup>	0.721	0.561	—	0.882	0.053
		BS-240E <sup>5</sup>	0.735	0.569	—	0.900	0.055	BS-600M <sup>15</sup>	0.726	0.561	—	0.892	0.055
		BS-300 <sup>6</sup>	0.746	0.576	—	0.917	0.057	BS-620M <sup>16</sup>	0.726	0.561	—	0.892	0.055
		BS-330E <sup>7</sup>	0.710	0.549	—	0.870	0.053	BS-800 <sup>17</sup>	0.720	0.559	—	0.880	0.053
		BS-360E <sup>8</sup>	0.700	0.544	—	0.855	0.052	BS-2000 <sup>18</sup>	0.726	0.561	—	0.892	0.055
		BS-380 <sup>9</sup>	0.735	0.569	—	0.900	0.055	BS-2800M <sup>19</sup>	0.738	0.573	—	0.903	0.055
		BS-120 <sup>1</sup>	94.7	80.6	—	108.8	4.7	BS-400 <sup>10</sup>	94.9	80.8	—	109.0	4.7
		BS-200 <sup>2</sup>	93.6	79.5	—	107.7	4.7	BS-430 <sup>11</sup>	95.4	81.0	—	109.8	4.8
		BS-200E <sup>3</sup>	94.4	80.3	—	108.5	4.7	BS-480 <sup>13</sup>	93.9	79.8	—	108.0	4.7
		BS-240 <sup>4</sup>	93.8	79.7	—	107.9	4.7	BS-600 <sup>14</sup>	94.1	80.0	—	108.2	4.7
		BS-240E <sup>5</sup>	93.3	79.2	—	107.4	4.7	BS-600M <sup>15</sup>	93.5	79.4	—	107.6	4.7
		BS-300 <sup>6</sup>	93.4	79.3	—	107.5	4.7	BS-620M <sup>16</sup>	79.1	67.1	—	91.1	4.0
CREA (SOX)	mg/dL	BS-330E <sup>7</sup>	94.4	80.3	—	108.5	4.7	BS-800 <sup>17</sup>	79.9	67.9	—	91.9	4.0
		BS-360E <sup>8</sup>	92.4	78.6	—	106.2	4.6	BS-2000 <sup>18</sup>	79.1	67.1	—	91.1	4.0
		BS-380 <sup>9</sup>	94.9	80.8	—	109.0	4.7	BS-2800M <sup>19</sup>	79.1	67.1	—	91.1	4.0
		BS-120 <sup>1</sup>	1.07	0.91	—	1.23	0.05	BS-400 <sup>10</sup>	1.07	0.91	—	1.23	0.05
		BS-200 <sup>2</sup>	1.06	0.90	—	1.22	0.05	BS-430 <sup>11</sup>	1.08	0.92	—	1.24	0.05
		BS-200E <sup>3</sup>	1.07	0.91	—	1.23	0.05	BS-480 <sup>13</sup>	1.06	0.90	—	1.22	0.05
		BS-240 <sup>4</sup>	1.06	0.90	—	1.22	0.05	BS-600 <sup>14</sup>	1.06	0.90	—	1.22	0.05
		BS-240E <sup>5</sup>	1.06	0.90	—	1.21	0.05	BS-600M <sup>15</sup>	1.06	0.90	—	1.22	0.05
		BS-300 <sup>6</sup>	1.06	0.90	—	1.22	0.05	BS-620M <sup>16</sup>	0.895	0.759	—	1.031	0.045
		BS-330E <sup>7</sup>	1.07	0.91	—	1.23	0.05	BS-800 <sup>17</sup>	0.904	0.768	—	1.040	0.045
		BS-360E <sup>8</sup>	1.05	0.89	—	1.20	0.05	BS-2000 <sup>18</sup>	0.895	0.759	—	1.031	0.045
		BS-380 <sup>9</sup>	1.07	0.91	—	1.23	0.05	BS-2800M <sup>19</sup>	0.895	0.759	—	1.031	0.045
CREA (SOX)	mmol/L	BS-120 <sup>1</sup>	5.78	4.91	—	6.65	0.29	BS-400 <sup>10</sup>	5.69	4.85	—	6.53	0.28
		BS-200 <sup>2</sup>	5.82	4.95	—	6.69	0.29	BS-430 <sup>11</sup>	5.63	4.79	—	6.47	0.28
		BS-200E <sup>3</sup>	5.62	4.78	—	6.46	0.28	BS-480 <sup>13</sup>	5.62	4.78	—	6.46	0.28
		BS-240 <sup>4</sup>	5.72	4.85	—	6.59	0.29	BS-600 <sup>14</sup>	5.62	4.78	—	6.46	0.28
		BS-240E <sup>5</sup>	5.57	4.73	—	6.41	0.28	BS-600M <sup>15</sup>	5.69	4.85	—	6.53	0.28
		BS-300 <sup>6</sup>	5.84	4.97	—	6.71	0.29	BS-620M <sup>16</sup>	5.69	4.85	—	6.53	0.28
		BS-330E <sup>7</sup>	5.62	4.78	—	6.46	0.28	BS-800 <sup>17</sup>	5.67	4.83	—	6.51	0.28
		BS-360E <sup>8</sup>	5.59	4.75	—	6.43	0.28	BS-2000 <sup>18</sup>	5.67	4.83	—	6.51	0.28

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>	5.66	4.82	—	6.50	0.28	BS-2800M <sup>19</sup>	5.69	4.85	—	6.53	0.28
		BS-120 <sup>1</sup>	104	88	—	120	5	BS-400 <sup>10</sup>	103	87	—	118	5
		BS-200 <sup>2</sup>	105	89	—	121	5	BS-430 <sup>11</sup>	101	86	—	117	5
		BS-200E <sup>3</sup>	101	86	—	116	5	BS-480 <sup>13</sup>	101	86	—	116	5
		BS-240 <sup>4</sup>	103	87	—	119	5	BS-600 <sup>14</sup>	101	86	—	116	5
		BS-240E <sup>5</sup>	100	85	—	115	5	BS-600M <sup>15</sup>	103	87	—	118	5
		BS-300 <sup>6</sup>	105	90	—	121	5	BS-620M <sup>16</sup>	103	87	—	118	5
		BS-330E <sup>7</sup>	101	86	—	116	5	BS-800 <sup>17</sup>	102	87	—	117	5
		BS-360E <sup>8</sup>	101	86	—	116	5	BS-2000 <sup>18</sup>	102	87	—	117	5
		BS-380 <sup>9</sup>	102	87	—	117	5	BS-2800M <sup>19</sup>	103	87	—	118	5
Glu (HK)	mmol/L	BS-120 <sup>1</sup>	5.66	4.82	—	6.50	0.28	BS-400 <sup>10</sup>	5.67	4.83	—	6.51	0.28
		BS-200 <sup>2</sup>	5.74	4.87	—	6.61	0.29	BS-430 <sup>11</sup>	5.73	4.86	—	6.60	0.29
		BS-200E <sup>3</sup>	5.64	4.80	—	6.48	0.28	BS-480 <sup>13</sup>	5.64	4.80	—	6.48	0.28
		BS-240 <sup>4</sup>	5.65	4.81	—	6.49	0.28	BS-600 <sup>14</sup>	5.62	4.78	—	6.46	0.28
		BS-240E <sup>5</sup>	5.63	4.79	—	6.47	0.28	BS-600M <sup>15</sup>	5.79	4.92	—	6.66	0.29
		BS-300 <sup>6</sup>	5.67	4.83	—	6.51	0.28	BS-620M <sup>16</sup>	5.79	4.92	—	6.66	0.29
		BS-330E <sup>7</sup>	5.64	4.80	—	6.48	0.28	BS-800 <sup>17</sup>	5.73	4.86	—	6.60	0.29
		BS-360E <sup>8</sup>	5.63	4.79	—	6.47	0.28	BS-2000 <sup>18</sup>	5.71	4.84	—	6.58	0.29
		BS-380 <sup>9</sup>	5.77	4.90	—	6.64	0.29	BS-2800M <sup>19</sup>	5.71	4.84	—	6.58	0.29
		Glu (HK)	mg/dL	BS-120 <sup>1</sup>	102	87	—	117	5	BS-400 <sup>10</sup>	102	87	—
BS-200 <sup>2</sup>	103			88	—	119	5	BS-430 <sup>11</sup>	103	88	—	119	5
BS-200E <sup>3</sup>	102			86	—	117	5	BS-480 <sup>13</sup>	102	86	—	117	5
BS-240 <sup>4</sup>	102			87	—	117	5	BS-600 <sup>14</sup>	101	86	—	116	5
BS-240E <sup>5</sup>	101			86	—	117	5	BS-600M <sup>15</sup>	104	89	—	120	5
BS-300 <sup>6</sup>	102			87	—	117	5	BS-620M <sup>16</sup>	104	89	—	120	5
BS-330E <sup>7</sup>	102			86	—	117	5	BS-800 <sup>17</sup>	103	88	—	119	5
BS-360E <sup>8</sup>	101			86	—	117	5	BS-2000 <sup>18</sup>	103	87	—	119	5
BS-380 <sup>9</sup>	104			88	—	120	5	BS-2800M <sup>19</sup>	103	87	—	119	5
GGT	U/L			BS-120 <sup>1</sup>	48.0	40.8	—	55.2	2.4	BS-400 <sup>10</sup>	48.8	41.6	—
		BS-200 <sup>2</sup>	48.0	40.8	—	55.2	2.4	BS-430 <sup>11</sup>	48.8	41.6	—	56.0	2.4
		BS-200E <sup>3</sup>	49.6	42.1	—	57.1	2.5	BS-480 <sup>13</sup>	48.8	41.6	—	56.0	2.4
		BS-240 <sup>4</sup>	49.5	42.0	—	57.0	2.5	BS-600 <sup>14</sup>	48.8	41.6	—	56.0	2.4
		BS-240E <sup>5</sup>	48.9	41.7	—	56.1	2.4	BS-600M <sup>15</sup>	48.2	41.0	—	55.4	2.4
		BS-300 <sup>6</sup>	48.8	41.6	—	56.0	2.4	BS-620M <sup>16</sup>	48.2	41.0	—	55.4	2.4
		BS-330E <sup>7</sup>	49.6	42.1	—	57.1	2.5	BS-800 <sup>17</sup>	48.8	41.6	—	56.0	2.4
		BS-360E <sup>8</sup>	49.4	41.9	—	56.9	2.5	BS-2000 <sup>18</sup>	48.4	41.2	—	55.6	2.4
		BS-380 <sup>9</sup>	48.8	41.6	—	56.0	2.4	BS-2800M <sup>19</sup>	48.2	41.0	—	55.4	2.4
		GGT	μkat/L	BS-120 <sup>1</sup>	0.802	0.681	—	0.922	0.040	BS-400 <sup>10</sup>	0.815	0.695	—
BS-200 <sup>2</sup>	0.802			0.681	—	0.922	0.040	BS-430 <sup>11</sup>	0.815	0.695	—	0.935	0.040
BS-200E <sup>3</sup>	0.828			0.703	—	0.954	0.042	BS-480 <sup>13</sup>	0.815	0.695	—	0.935	0.040
BS-240 <sup>4</sup>	0.827			0.701	—	0.952	0.042	BS-600 <sup>14</sup>	0.815	0.695	—	0.935	0.040
BS-240E <sup>5</sup>	0.817			0.696	—	0.937	0.040	BS-600M <sup>15</sup>	0.805	0.685	—	0.925	0.040
BS-300 <sup>6</sup>	0.815			0.695	—	0.935	0.040	BS-620M <sup>16</sup>	0.805	0.685	—	0.925	0.040
BS-330E <sup>7</sup>	0.828			0.703	—	0.954	0.042	BS-800 <sup>17</sup>	0.815	0.695	—	0.935	0.040
BS-360E <sup>8</sup>	0.825			0.700	—	0.950	0.042	BS-2000 <sup>18</sup>	0.808	0.688	—	0.929	0.040
BS-380 <sup>9</sup>	0.815			0.695	—	0.935	0.040	BS-2800M <sup>19</sup>	0.805	0.685	—	0.925	0.040
α-HBDH	U/L			BS-120 <sup>1</sup>	170	143	—	197	9	BS-400 <sup>10</sup>	169	145	—
		BS-200 <sup>2</sup>	171	144	—	198	9	BS-430 <sup>11</sup>	168	144	—	192	8
		BS-200E <sup>3</sup>	169	145	—	193	8	BS-480 <sup>13</sup>	168	144	—	192	8
		BS-240 <sup>4</sup>	170	143	—	197	9	BS-600 <sup>14</sup>	168	144	—	192	8
		BS-240E <sup>5</sup>	168	144	—	192	8	BS-600M <sup>15</sup>	170	143	—	197	9
		BS-300 <sup>6</sup>	169	145	—	193	8	BS-620M <sup>16</sup>	170	143	—	197	9
		BS-330E <sup>7</sup>	169	145	—	193	8	BS-800 <sup>17</sup>	168	144	—	192	8
		BS-360E <sup>8</sup>	168	144	—	192	8	BS-2000 <sup>18</sup>	170	143	—	197	9
		BS-380 <sup>9</sup>	169	145	—	193	8	BS-2800M <sup>19</sup>	170	143	—	197	9
		BS-120 <sup>1</sup>	2.84	2.39	—	3.29	0.15	BS-400 <sup>10</sup>	2.82	2.42	—	3.22	0.13



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>	2.81	2.40	—	3.21	0.13
		BS-200E <sup>3</sup>	2.82	2.42	—	3.22	0.13	BS-480 <sup>13</sup>	2.81	2.40	—	3.21	0.13
		BS-240 <sup>4</sup>	2.84	2.39	—	3.29	0.15	BS-600 <sup>14</sup>	2.81	2.40	—	3.21	0.13
		BS-240E <sup>5</sup>	2.81	2.40	—	3.21	0.13	BS-600M <sup>15</sup>	2.84	2.39	—	3.29	0.15
		BS-300 <sup>6</sup>	2.82	2.42	—	3.22	0.13	BS-620M <sup>16</sup>	2.84	2.39	—	3.29	0.15
		BS-330E <sup>7</sup>	2.82	2.42	—	3.22	0.13	BS-800 <sup>17</sup>	2.81	2.40	—	3.21	0.13
		BS-360E <sup>8</sup>	2.81	2.40	—	3.21	0.13	BS-2000 <sup>18</sup>	2.84	2.39	—	3.29	0.15
		BS-380 <sup>9</sup>	2.82	2.42	—	3.22	0.13	BS-2800M <sup>19</sup>	2.84	2.39	—	3.29	0.15
		BS-120 <sup>1</sup>	1.33	1.03	—	1.63	0.10	BS-400 <sup>10</sup>	1.34	1.04	—	1.64	0.10
ApoA1	g/L	BS-200 <sup>2</sup>	1.33	1.03	—	1.63	0.10	BS-430 <sup>11</sup>	1.28	0.98	—	1.58	0.10
		BS-200E <sup>3</sup>	1.36	1.06	—	1.66	0.10	BS-480 <sup>13</sup>	1.29	0.99	—	1.59	0.10
		BS-240 <sup>4</sup>	1.27	0.97	—	1.57	0.10	BS-600 <sup>14</sup>	1.31	1.01	—	1.61	0.10
		BS-240E <sup>5</sup>	1.32	1.02	—	1.62	0.10	BS-600M <sup>15</sup>	1.23	0.96	—	1.50	0.09
		BS-300 <sup>6</sup>	1.34	1.04	—	1.64	0.10	BS-620M <sup>16</sup>	1.23	0.96	—	1.50	0.09
		BS-330E <sup>7</sup>	1.36	1.06	—	1.66	0.10	BS-800 <sup>17</sup>	1.23	0.96	—	1.50	0.09
		BS-360E <sup>8</sup>	1.32	1.02	—	1.62	0.10	BS-2000 <sup>18</sup>	1.27	0.97	—	1.57	0.10
		BS-380 <sup>9</sup>	1.28	0.98	—	1.58	0.10	BS-2800M <sup>19</sup>	1.23	0.96	—	1.50	0.09
		BS-120 <sup>1</sup>	47.5	36.8	—	58.2	3.6	BS-400 <sup>10</sup>	47.8	37.1	—	58.5	3.6
ApoA1	μmol/L	BS-200 <sup>2</sup>	47.5	36.8	—	58.2	3.6	BS-430 <sup>11</sup>	45.7	35.0	—	56.4	3.6
		BS-200E <sup>3</sup>	48.6	37.8	—	59.3	3.6	BS-480 <sup>13</sup>	46.1	35.3	—	56.8	3.6
		BS-240 <sup>4</sup>	45.3	34.6	—	56.0	3.6	BS-600 <sup>14</sup>	46.8	36.1	—	57.5	3.6
		BS-240E <sup>5</sup>	47.1	36.4	—	57.8	3.6	BS-600M <sup>15</sup>	43.9	34.3	—	53.6	3.2
		BS-300 <sup>6</sup>	47.8	37.1	—	58.5	3.6	BS-620M <sup>16</sup>	43.9	34.3	—	53.6	3.2
		BS-330E <sup>7</sup>	48.6	37.8	—	59.3	3.6	BS-800 <sup>17</sup>	43.9	34.3	—	53.6	3.2
		BS-360E <sup>8</sup>	47.1	36.4	—	57.8	3.6	BS-2000 <sup>18</sup>	45.3	34.6	—	56.0	3.6
		BS-380 <sup>9</sup>	45.7	35.0	—	56.4	3.6	BS-2800M <sup>19</sup>	43.9	34.3	—	53.6	3.2
		BS-120 <sup>1</sup>	0.544	0.421	—	0.667	0.041	BS-400 <sup>10</sup>	0.559	0.433	—	0.685	0.042
ApoB	g/L	BS-200 <sup>2</sup>	0.570	0.441	—	0.699	0.043	BS-430 <sup>11</sup>	0.535	0.415	—	0.655	0.040
		BS-200E <sup>3</sup>	0.570	0.441	—	0.699	0.043	BS-480 <sup>13</sup>	0.540	0.417	—	0.663	0.041
		BS-240 <sup>4</sup>	0.535	0.415	—	0.655	0.040	BS-600 <sup>14</sup>	0.537	0.417	—	0.657	0.040
		BS-240E <sup>5</sup>	0.556	0.430	—	0.682	0.042	BS-600M <sup>15</sup>	0.556	0.430	—	0.682	0.042
		BS-300 <sup>6</sup>	0.544	0.421	—	0.667	0.041	BS-620M <sup>16</sup>	0.556	0.430	—	0.682	0.042
		BS-330E <sup>7</sup>	0.570	0.441	—	0.699	0.043	BS-800 <sup>17</sup>	0.538	0.418	—	0.658	0.040
		BS-360E <sup>8</sup>	0.567	0.438	—	0.696	0.043	BS-2000 <sup>18</sup>	0.547	0.424	—	0.670	0.041
		BS-380 <sup>9</sup>	0.563	0.437	—	0.689	0.042	BS-2800M <sup>19</sup>	0.532	0.412	—	0.652	0.040
		BS-120 <sup>1</sup>	1.06	0.82	—	1.30	0.08	BS-400 <sup>10</sup>	1.09	0.84	—	1.34	0.08
ApoB	μmol/L	BS-200 <sup>2</sup>	1.11	0.86	—	1.36	0.08	BS-430 <sup>11</sup>	1.04	0.81	—	1.28	0.08
		BS-200E <sup>3</sup>	1.11	0.86	—	1.36	0.08	BS-480 <sup>13</sup>	1.05	0.81	—	1.29	0.08
		BS-240 <sup>4</sup>	1.04	0.81	—	1.28	0.08	BS-600 <sup>14</sup>	1.05	0.81	—	1.28	0.08
		BS-240E <sup>5</sup>	1.08	0.84	—	1.33	0.08	BS-600M <sup>15</sup>	1.08	0.84	—	1.33	0.08
		BS-300 <sup>6</sup>	1.06	0.82	—	1.30	0.08	BS-620M <sup>16</sup>	1.08	0.84	—	1.33	0.08
		BS-330E <sup>7</sup>	1.11	0.86	—	1.36	0.08	BS-800 <sup>17</sup>	1.05	0.82	—	1.28	0.08
		BS-360E <sup>8</sup>	1.11	0.85	—	1.36	0.08	BS-2000 <sup>18</sup>	1.07	0.83	—	1.31	0.08
		BS-380 <sup>9</sup>	1.10	0.85	—	1.34	0.08	BS-2800M <sup>19</sup>	1.04	0.80	—	1.27	0.08
		BS-120 <sup>1</sup>	1.06	0.85	—	1.27	0.07	BS-400 <sup>10</sup>	1.04	0.83	—	1.25	0.07
C3	g/L	BS-200 <sup>2</sup>	1.08	0.87	—	1.29	0.07	BS-430 <sup>11</sup>	1.04	0.83	—	1.25	0.07
		BS-200E <sup>3</sup>	1.07	0.86	—	1.28	0.07	BS-480 <sup>13</sup>	1.02	0.81	—	1.23	0.07
		BS-240 <sup>4</sup>	1.00	0.79	—	1.21	0.07	BS-600 <sup>14</sup>	1.04	0.83	—	1.25	0.07
		BS-240E <sup>5</sup>	1.09	0.88	—	1.30	0.07	BS-600M <sup>15</sup>	1.01	0.80	—	1.22	0.07
		BS-300 <sup>6</sup>	1.05	0.84	—	1.26	0.07	BS-620M <sup>16</sup>	1.01	0.80	—	1.22	0.07
		BS-330E <sup>7</sup>	1.07	0.86	—	1.28	0.07	BS-800 <sup>17</sup>	1.03	0.82	—	1.24	0.07
		BS-360E <sup>8</sup>	1.05	0.84	—	1.26	0.07	BS-2000 <sup>18</sup>	1.03	0.82	—	1.24	0.07
		BS-380 <sup>9</sup>	1.04	0.83	—	1.25	0.07	BS-2800M <sup>19</sup>	1.03	0.82	—	1.24	0.07
		BS-120 <sup>1</sup>	0.178	0.142	—	0.214	0.012	BS-400 <sup>10</sup>	0.171	0.135	—	0.207	0.012
C3	g/L	BS-200 <sup>2</sup>	0.171	0.135	—	0.207	0.012	BS-430 <sup>11</sup>	0.173	0.137	—	0.209	0.012
		BS-200E <sup>3</sup>	0.169	0.136	—	0.202	0.011	BS-480 <sup>13</sup>	0.168	0.135	—	0.201	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>	0.167	0.134	—	0.200	0.011	BS-600 <sup>14</sup>	0.171	0.135	—	0.207	0.012		
		BS-240E <sup>5</sup>	0.178	0.142	—	0.214	0.012	BS-600M <sup>15</sup>	0.173	0.137	—	0.209	0.012		
		BS-300 <sup>6</sup>	0.171	0.135	—	0.207	0.012	BS-620M <sup>16</sup>	0.173	0.137	—	0.209	0.012		
		BS-330E <sup>7</sup>	0.169	0.136	—	0.202	0.011	BS-800 <sup>17</sup>	0.172	0.136	—	0.208	0.012		
		BS-360E <sup>8</sup>	0.169	0.136	—	0.202	0.011	BS-2000 <sup>18</sup>	0.165	0.132	—	0.198	0.011		
		BS-380 <sup>9</sup>	0.173	0.137	—	0.209	0.012	BS-2800M <sup>19</sup>	0.168	0.135	—	0.201	0.011		
	μmol/L	BS-120 <sup>1</sup>	0.890	0.710	—	1.070	0.060	BS-400 <sup>10</sup>	0.855	0.675	—	1.035	0.060		
		BS-200 <sup>2</sup>	0.855	0.675	—	1.035	0.060	BS-430 <sup>11</sup>	0.865	0.685	—	1.045	0.060		
		BS-200E <sup>3</sup>	0.845	0.680	—	1.010	0.055	BS-480 <sup>13</sup>	0.840	0.675	—	1.005	0.055		
		BS-240 <sup>4</sup>	0.835	0.670	—	1.000	0.055	BS-600 <sup>14</sup>	0.855	0.675	—	1.035	0.060		
		BS-240E <sup>5</sup>	0.890	0.710	—	1.070	0.060	BS-600M <sup>15</sup>	0.865	0.685	—	1.045	0.060		
		BS-300 <sup>6</sup>	0.855	0.675	—	1.035	0.060	BS-620M <sup>16</sup>	0.865	0.685	—	1.045	0.060		
		BS-330E <sup>7</sup>	0.845	0.680	—	1.010	0.055	BS-800 <sup>17</sup>	0.860	0.680	—	1.040	0.060		
		BS-360E <sup>8</sup>	0.845	0.680	—	1.010	0.055	BS-2000 <sup>18</sup>	0.825	0.660	—	0.990	0.055		
		BS-380 <sup>9</sup>	0.865	0.685	—	1.045	0.060	BS-2800M <sup>19</sup>	0.840	0.675	—	1.005	0.055		
		<b>CRP II</b>	mg/L	BS-120 <sup>1</sup>	5.13	3.60	—	6.66	0.51	BS-400 <sup>10</sup>	5.23	3.67	—	6.79	0.52
				BS-200 <sup>2</sup>	5.03	3.53	—	6.53	0.50	BS-430 <sup>11</sup>	5.27	3.68	—	6.86	0.53
				BS-200E <sup>3</sup>	6.04	4.24	—	7.84	0.60	BS-480 <sup>13</sup>	5.37	3.75	—	6.99	0.54
BS-240 <sup>4</sup>	5.53			3.88	—	7.18	0.55	BS-600 <sup>14</sup>	5.62	3.94	—	7.30	0.56		
BS-240E <sup>5</sup>	5.87			4.10	—	7.64	0.59	BS-600M <sup>15</sup>	5.49	3.84	—	7.14	0.55		
BS-300 <sup>6</sup>	5.52			3.87	—	7.17	0.55	BS-620M <sup>16</sup>	5.49	3.84	—	7.14	0.55		
BS-330E <sup>7</sup>	6.04			4.24	—	7.84	0.60	BS-800 <sup>17</sup>	5.49	3.84	—	7.14	0.55		
BS-360E <sup>8</sup>	5.49			3.84	—	7.14	0.55	BS-2000 <sup>18</sup>	5.68	3.97	—	7.39	0.57		
BS-380 <sup>9</sup>	5.97			4.17	—	7.77	0.60								
nmol/L	BS-120 <sup>1</sup>		48.8	34.3	—	63.4	4.9	BS-400 <sup>10</sup>	49.8	34.9	—	64.6	5.0		
	BS-200 <sup>2</sup>		47.9	33.6	—	62.2	4.8	BS-430 <sup>11</sup>	50.2	35.0	—	65.3	5.0		
	BS-200E <sup>3</sup>		57.5	40.4	—	74.6	5.7	BS-480 <sup>13</sup>	51.1	35.7	—	66.5	5.1		
	BS-240 <sup>4</sup>		52.6	36.9	—	68.4	5.2	BS-600 <sup>14</sup>	53.5	37.5	—	69.5	5.3		
	BS-240E <sup>5</sup>		55.9	39.0	—	72.7	5.6	BS-600M <sup>15</sup>	52.3	36.6	—	68.0	5.2		
	BS-300 <sup>6</sup>		52.6	36.8	—	68.3	5.2	BS-620M <sup>16</sup>	52.3	36.6	—	68.0	5.2		
	BS-330E <sup>7</sup>		57.5	40.4	—	74.6	5.7	BS-800 <sup>17</sup>	52.3	36.6	—	68.0	5.2		
	BS-360E <sup>8</sup>		52.3	36.6	—	68.0	5.2	BS-2000 <sup>18</sup>	54.1	37.8	—	70.4	5.4		
	BS-380 <sup>9</sup>		56.8	39.7	—	74.0	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>	1.67	1.28	—	2.06	0.13		
		BS-200E <sup>3</sup>	1.73	1.34	—	2.12	0.13	BS-480 <sup>13</sup>	1.64	1.28	—	2.00	0.12		
		BS-240 <sup>4</sup>	1.66	1.30	—	2.02	0.12	BS-600 <sup>14</sup>	1.65	1.29	—	2.01	0.12		
		BS-240E <sup>5</sup>	1.69	1.30	—	2.08	0.13	BS-600M <sup>15</sup>	1.60	1.24	—	1.96	0.12		
		BS-330E <sup>7</sup>	1.73	1.34	—	2.12	0.13	BS-620M <sup>16</sup>	1.60	1.24	—	1.96	0.12		
		BS-360E <sup>8</sup>	1.69	1.30	—	2.08	0.13	BS-800 <sup>17</sup>	1.66	1.30	—	2.02	0.12		
		BS-380 <sup>9</sup>	1.66	1.30	—	2.02	0.12	BS-2000 <sup>18</sup>	1.60	1.24	—	1.96	0.12		
		BS-400 <sup>10</sup>	1.64	1.28	—	2.00	0.12	BS-2800M <sup>19</sup>	1.65	1.29	—	2.01	0.12		
		BS-200 <sup>2</sup>	10.5	8.1	—	12.9	0.8	BS-430 <sup>11</sup>	10.4	8.0	—	12.9	0.8		
	μmol/L	BS-200E <sup>3</sup>	10.8	8.4	—	13.3	0.8	BS-480 <sup>13</sup>	10.3	8.0	—	12.5	0.8		
		BS-240 <sup>4</sup>	10.4	8.1	—	12.6	0.8	BS-600 <sup>14</sup>	10.3	8.1	—	12.6	0.8		
		BS-240E <sup>5</sup>	10.6	8.1	—	13.0	0.8	BS-600M <sup>15</sup>	10.0	7.8	—	12.3	0.8		
		BS-330E <sup>7</sup>	10.8	8.4	—	13.3	0.8	BS-620M <sup>16</sup>	10.0	7.8	—	12.3	0.8		
		BS-360E <sup>8</sup>	10.6	8.1	—	13.0	0.8	BS-800 <sup>17</sup>	10.4	8.1	—	12.6	0.8		
		BS-380 <sup>9</sup>	10.4	8.1	—	12.6	0.8	BS-2000 <sup>18</sup>	10.0	7.8	—	12.3	0.8		
		BS-400 <sup>10</sup>	10.3	8.0	—	12.5	0.8	BS-2800M <sup>19</sup>	10.3	8.1	—	12.6	0.8		
		g/L	BS-120 <sup>1</sup>	9.15	7.08	—	11.22	0.69	BS-400 <sup>10</sup>	7.89	6.12	—	9.66	0.59	
			BS-200 <sup>2</sup>	8.29	6.43	—	10.15	0.62	BS-430 <sup>11</sup>	7.86	6.09	—	9.63	0.59	
BS-200E <sup>3</sup>	8.12		6.29	—	9.95	0.61	BS-480 <sup>13</sup>	7.72	5.98	—	9.46	0.58			
BS-240 <sup>4</sup>	8.10		6.27	—	9.93	0.61	BS-600 <sup>14</sup>	7.86	6.09	—	9.63	0.59			
BS-240E <sup>5</sup>	7.86		6.09	—	9.63	0.59	BS-600M <sup>15</sup>	7.90	6.13	—	9.67	0.59			
BS-300 <sup>6</sup>	7.89		6.12	—	9.66	0.59	BS-620M <sup>16</sup>	7.90	6.13	—	9.67	0.59			
BS-330E <sup>7</sup>	8.12		6.29	—	9.95	0.61	BS-800 <sup>17</sup>	7.86	6.09	—	9.63	0.59			

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>	7.90	6.13	—	9.67	0.59	BS-2000 <sup>18</sup>	7.99	6.19	—	9.79	0.60		
		BS-380 <sup>9</sup>	7.89	6.12	—	9.66	0.59	BS-2800M <sup>19</sup>	7.90	6.13	—	9.67	0.59		
		BS-120 <sup>1</sup>	61.0	47.2	—	74.8	4.6	BS-400 <sup>10</sup>	52.6	40.8	—	64.4	3.9		
		BS-200 <sup>2</sup>	55.3	42.9	—	67.7	4.1	BS-430 <sup>11</sup>	52.4	40.6	—	64.2	3.9		
		BS-200E <sup>3</sup>	54.2	42.0	—	66.4	4.1	BS-480 <sup>13</sup>	51.5	39.9	—	63.1	3.9		
		BS-240 <sup>4</sup>	54.0	41.8	—	66.2	4.1	BS-600 <sup>14</sup>	52.4	40.6	—	64.2	3.9		
		BS-240E <sup>5</sup>	52.4	40.6	—	64.2	3.9	BS-600M <sup>15</sup>	52.7	40.9	—	64.5	3.9		
		BS-300 <sup>6</sup>	52.6	40.8	—	64.4	3.9	BS-620M <sup>16</sup>	52.7	40.9	—	64.5	3.9		
		BS-330E <sup>7</sup>	54.2	42.0	—	66.4	4.1	BS-800 <sup>17</sup>	52.4	40.6	—	64.2	3.9		
		BS-360E <sup>8</sup>	52.7	40.9	—	64.5	3.9	BS-2000 <sup>18</sup>	53.3	41.3	—	65.3	4.0		
BS-380 <sup>9</sup>	52.6	40.8	—	64.4	3.9	BS-2800M <sup>19</sup>	52.7	40.9	—	64.5	3.9				
IgM	g/L	BS-120 <sup>1</sup>	0.777	0.603	—	0.951	0.058	BS-400 <sup>10</sup>	0.752	0.584	—	0.920	0.056		
		BS-200 <sup>2</sup>	0.748	0.580	—	0.916	0.056	BS-430 <sup>11</sup>	0.758	0.587	—	0.929	0.057		
		BS-200E <sup>3</sup>	0.770	0.596	—	0.944	0.058	BS-480 <sup>13</sup>	0.746	0.578	—	0.914	0.056		
		BS-240 <sup>4</sup>	0.769	0.595	—	0.943	0.058	BS-600 <sup>14</sup>	0.761	0.590	—	0.932	0.057		
		BS-240E <sup>5</sup>	0.777	0.603	—	0.951	0.058	BS-600M <sup>15</sup>	0.764	0.593	—	0.935	0.057		
		BS-300 <sup>6</sup>	0.753	0.585	—	0.921	0.056	BS-620M <sup>16</sup>	0.764	0.593	—	0.935	0.057		
		BS-330E <sup>7</sup>	0.770	0.596	—	0.944	0.058	BS-800 <sup>17</sup>	0.758	0.587	—	0.929	0.057		
		BS-360E <sup>8</sup>	0.745	0.577	—	0.913	0.056	BS-2000 <sup>18</sup>	0.737	0.572	—	0.902	0.055		
		BS-380 <sup>9</sup>	0.754	0.583	—	0.925	0.057	BS-2800M <sup>19</sup>	0.764	0.593	—	0.935	0.057		
		BS-120 <sup>1</sup>	0.800	0.621	—	0.980	0.060	BS-400 <sup>10</sup>	0.775	0.602	—	0.948	0.058		
IgM	μmol/L	BS-200 <sup>2</sup>	0.770	0.597	—	0.943	0.058	BS-430 <sup>11</sup>	0.781	0.605	—	0.957	0.059		
		BS-200E <sup>3</sup>	0.793	0.614	—	0.972	0.060	BS-480 <sup>13</sup>	0.768	0.595	—	0.941	0.058		
		BS-240 <sup>4</sup>	0.792	0.613	—	0.971	0.060	BS-600 <sup>14</sup>	0.784	0.608	—	0.960	0.059		
		BS-240E <sup>5</sup>	0.800	0.621	—	0.980	0.060	BS-600M <sup>15</sup>	0.787	0.611	—	0.963	0.059		
		BS-300 <sup>6</sup>	0.776	0.603	—	0.949	0.058	BS-620M <sup>16</sup>	0.787	0.611	—	0.963	0.059		
		BS-330E <sup>7</sup>	0.793	0.614	—	0.972	0.060	BS-800 <sup>17</sup>	0.781	0.605	—	0.957	0.059		
		BS-360E <sup>8</sup>	0.767	0.594	—	0.940	0.058	BS-2000 <sup>18</sup>	0.759	0.589	—	0.929	0.057		
		BS-380 <sup>9</sup>	0.777	0.600	—	0.953	0.059	BS-2800M <sup>19</sup>	0.787	0.611	—	0.963	0.059		
		PA	mg/L	BS-120 <sup>1</sup>	123	96	—	150	9	BS-400 <sup>10</sup>	131	101	—	161	10
				BS-200 <sup>2</sup>	121	94	—	148	9	BS-430 <sup>11</sup>	127	97	—	157	10
BS-200E <sup>3</sup>	131			101	—	161	10	BS-480 <sup>13</sup>	129	99	—	159	10		
BS-240 <sup>4</sup>	124			97	—	151	9	BS-600 <sup>14</sup>	129	99	—	159	10		
BS-240E <sup>5</sup>	129			99	—	159	10	BS-600M <sup>15</sup>	128	98	—	158	10		
BS-300 <sup>6</sup>	128			98	—	158	10	BS-620M <sup>16</sup>	128	98	—	158	10		
BS-330E <sup>7</sup>	131			101	—	161	10	BS-800 <sup>17</sup>	129	99	—	159	10		
BS-360E <sup>8</sup>	129			99	—	159	10	BS-2000 <sup>18</sup>	131	101	—	161	10		
BS-380 <sup>9</sup>	128			98	—	158	10	BS-2800M <sup>19</sup>	130	100	—	160	10		
BS-120 <sup>1</sup>	2.24			1.75	—	2.73	0.16	BS-400 <sup>10</sup>	2.38	1.84	—	2.93	0.18		
PA	μmol/L	BS-200 <sup>2</sup>	2.20	1.71	—	2.69	0.16	BS-430 <sup>11</sup>	2.31	1.77	—	2.86	0.18		
		BS-200E <sup>3</sup>	2.38	1.84	—	2.93	0.18	BS-480 <sup>13</sup>	2.35	1.80	—	2.89	0.18		
		BS-240 <sup>4</sup>	2.26	1.77	—	2.75	0.16	BS-600 <sup>14</sup>	2.35	1.80	—	2.89	0.18		
		BS-240E <sup>5</sup>	2.35	1.80	—	2.89	0.18	BS-600M <sup>15</sup>	2.33	1.78	—	2.88	0.18		
		BS-300 <sup>6</sup>	2.33	1.78	—	2.88	0.18	BS-620M <sup>16</sup>	2.33	1.78	—	2.88	0.18		
		BS-330E <sup>7</sup>	2.38	1.84	—	2.93	0.18	BS-800 <sup>17</sup>	2.35	1.80	—	2.89	0.18		
		BS-360E <sup>8</sup>	2.35	1.80	—	2.89	0.18	BS-2000 <sup>18</sup>	2.38	1.84	—	2.93	0.18		
		BS-380 <sup>9</sup>	2.33	1.78	—	2.88	0.18	BS-2800M <sup>19</sup>	2.37	1.82	—	2.91	0.18		
		LDH	U/L	BS-120 <sup>1</sup>	160	136	—	184	8	BS-400 <sup>10</sup>	161	137	—	185	8
				BS-200 <sup>2</sup>	162	138	—	186	8	BS-430 <sup>11</sup>	160	136	—	184	8
BS-200E <sup>3</sup>	158			134	—	182	8	BS-480 <sup>13</sup>	161	137	—	185	8		
BS-240 <sup>4</sup>	162			138	—	186	8	BS-600 <sup>14</sup>	161	137	—	185	8		
BS-240E <sup>5</sup>	160			136	—	184	8	BS-600M <sup>15</sup>	160	136	—	184	8		
BS-300 <sup>6</sup>	160			136	—	184	8	BS-620M <sup>16</sup>	160	136	—	184	8		
BS-330E <sup>7</sup>	158			134	—	182	8	BS-800 <sup>17</sup>	160	136	—	184	8		
BS-360E <sup>8</sup>	160			136	—	184	8	BS-2000 <sup>18</sup>	160	136	—	184	8		
BS-380 <sup>9</sup>	162			138	—	186	8	BS-2800M <sup>19</sup>	160	136	—	184	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>	2.67	2.27	—	3.07	0.13	BS-400 <sup>10</sup>	2.69	2.29	—	3.09	0.13
		BS-200 <sup>2</sup>	2.71	2.30	—	3.11	0.13	BS-430 <sup>11</sup>	2.67	2.27	—	3.07	0.13
		BS-200E <sup>3</sup>	2.64	2.24	—	3.04	0.13	BS-480 <sup>13</sup>	2.69	2.29	—	3.09	0.13
		BS-240 <sup>4</sup>	2.71	2.30	—	3.11	0.13	BS-600 <sup>14</sup>	2.69	2.29	—	3.09	0.13
		BS-240E <sup>5</sup>	2.67	2.27	—	3.07	0.13	BS-600M <sup>15</sup>	2.67	2.27	—	3.07	0.13
		BS-300 <sup>6</sup>	2.67	2.27	—	3.07	0.13	BS-620M <sup>16</sup>	2.67	2.27	—	3.07	0.13
		BS-330E <sup>7</sup>	2.64	2.24	—	3.04	0.13	BS-800 <sup>17</sup>	2.67	2.27	—	3.07	0.13
		BS-360E <sup>8</sup>	2.67	2.27	—	3.07	0.13	BS-2000 <sup>18</sup>	2.67	2.27	—	3.07	0.13
		BS-380 <sup>9</sup>	2.71	2.30	—	3.11	0.13	BS-2800M <sup>19</sup>	2.67	2.27	—	3.07	0.13
<b>Mg II</b>	mmol/L	BS-120 <sup>1</sup>	0.876	0.771	—	0.981	0.035	BS-400 <sup>10</sup>	0.863	0.758	—	0.968	0.035
		BS-200 <sup>2</sup>	0.861	0.759	—	0.963	0.034	BS-430 <sup>11</sup>	0.853	0.751	—	0.955	0.034
		BS-200E <sup>3</sup>	0.843	0.741	—	0.945	0.034	BS-480 <sup>13</sup>	0.841	0.739	—	0.943	0.034
		BS-240 <sup>4</sup>	0.855	0.753	—	0.957	0.034	BS-600 <sup>14</sup>	0.841	0.739	—	0.943	0.034
		BS-240E <sup>5</sup>	0.845	0.743	—	0.947	0.034	BS-600M <sup>15</sup>	0.858	0.756	—	0.960	0.034
		BS-300 <sup>6</sup>	0.863	0.758	—	0.968	0.035	BS-620M <sup>16</sup>	0.858	0.756	—	0.960	0.034
		BS-330E <sup>7</sup>	0.843	0.741	—	0.945	0.034	BS-800 <sup>17</sup>	0.853	0.751	—	0.955	0.034
		BS-360E <sup>8</sup>	0.827	0.728	—	0.926	0.033	BS-2000 <sup>18</sup>	0.857	0.755	—	0.959	0.034
		BS-380 <sup>9</sup>	0.863	0.758	—	0.968	0.035	BS-2800M <sup>19</sup>	0.853	0.751	—	0.955	0.034
<b>P</b>	mg/dL	BS-120 <sup>1</sup>	2.13	1.87	—	2.38	0.09	BS-400 <sup>10</sup>	2.10	1.84	—	2.35	0.09
		BS-200 <sup>2</sup>	2.09	1.84	—	2.34	0.08	BS-430 <sup>11</sup>	2.07	1.82	—	2.32	0.08
		BS-200E <sup>3</sup>	2.05	1.80	—	2.30	0.08	BS-480 <sup>13</sup>	2.04	1.80	—	2.29	0.08
		BS-240 <sup>4</sup>	2.08	1.83	—	2.33	0.08	BS-600 <sup>14</sup>	2.04	1.80	—	2.29	0.08
		BS-240E <sup>5</sup>	2.05	1.81	—	2.30	0.08	BS-600M <sup>15</sup>	2.08	1.84	—	2.33	0.08
		BS-300 <sup>6</sup>	2.10	1.84	—	2.35	0.09	BS-620M <sup>16</sup>	2.08	1.84	—	2.33	0.08
		BS-330E <sup>7</sup>	2.05	1.80	—	2.30	0.08	BS-800 <sup>17</sup>	2.07	1.82	—	2.32	0.08
		BS-360E <sup>8</sup>	2.01	1.77	—	2.25	0.08	BS-2000 <sup>18</sup>	2.08	1.83	—	2.33	0.08
		BS-380 <sup>9</sup>	2.10	1.84	—	2.35	0.09	BS-2800M <sup>19</sup>	2.07	1.82	—	2.32	0.08
<b>P</b>	mmol/L	BS-120 <sup>1</sup>	1.33	1.12	—	1.54	0.07	BS-400 <sup>10</sup>	1.34	1.13	—	1.55	0.07
		BS-200 <sup>2</sup>	1.32	1.11	—	1.53	0.07	BS-430 <sup>11</sup>	1.32	1.11	—	1.53	0.07
		BS-200E <sup>3</sup>	1.32	1.11	—	1.53	0.07	BS-480 <sup>13</sup>	1.32	1.11	—	1.53	0.07
		BS-240 <sup>4</sup>	1.32	1.11	—	1.53	0.07	BS-600 <sup>14</sup>	1.33	1.12	—	1.54	0.07
		BS-240E <sup>5</sup>	1.31	1.10	—	1.52	0.07	BS-600M <sup>15</sup>	1.35	1.14	—	1.56	0.07
		BS-300 <sup>6</sup>	1.33	1.12	—	1.54	0.07	BS-620M <sup>16</sup>	1.35	1.14	—	1.56	0.07
		BS-330E <sup>7</sup>	1.32	1.11	—	1.53	0.07	BS-800 <sup>17</sup>	1.34	1.13	—	1.55	0.07
		BS-360E <sup>8</sup>	1.28	1.10	—	1.46	0.06	BS-2000 <sup>18</sup>	1.35	1.14	—	1.56	0.07
		BS-380 <sup>9</sup>	1.34	1.13	—	1.55	0.07						
<b>P II</b>	mg/dL	BS-120 <sup>1</sup>	4.12	3.47	—	4.77	0.22	BS-400 <sup>10</sup>	4.15	3.50	—	4.81	0.22
		BS-200 <sup>2</sup>	4.09	3.44	—	4.74	0.22	BS-430 <sup>11</sup>	4.09	3.44	—	4.74	0.22
		BS-200E <sup>3</sup>	4.09	3.44	—	4.74	0.22	BS-480 <sup>13</sup>	4.09	3.44	—	4.74	0.22
		BS-240 <sup>4</sup>	4.09	3.44	—	4.74	0.22	BS-600 <sup>14</sup>	4.12	3.47	—	4.77	0.22
		BS-240E <sup>5</sup>	4.06	3.41	—	4.71	0.22	BS-600M <sup>15</sup>	4.19	3.53	—	4.84	0.22
		BS-300 <sup>6</sup>	4.12	3.47	—	4.77	0.22	BS-620M <sup>16</sup>	4.19	3.53	—	4.84	0.22
		BS-330E <sup>7</sup>	4.09	3.44	—	4.74	0.22	BS-800 <sup>17</sup>	4.15	3.50	—	4.81	0.22
		BS-360E <sup>8</sup>	3.97	3.41	—	4.53	0.19	BS-2000 <sup>18</sup>	4.19	3.53	—	4.84	0.22
		BS-380 <sup>9</sup>	4.15	3.50	—	4.81	0.22						
<b>P II</b>	mmol/L	BS-120 <sup>1</sup>	1.30	1.09	—	1.51	0.07	BS-400 <sup>10</sup>	1.32	1.11	—	1.53	0.07
		BS-200 <sup>2</sup>	1.33	1.12	—	1.54	0.07	BS-430 <sup>11</sup>	1.31	1.10	—	1.52	0.07
		BS-200E <sup>3</sup>	1.31	1.10	—	1.52	0.07	BS-480 <sup>13</sup>	1.30	1.09	—	1.51	0.07
		BS-240 <sup>4</sup>	1.27	1.09	—	1.45	0.06	BS-600 <sup>14</sup>	1.30	1.09	—	1.51	0.07
		BS-240E <sup>5</sup>	1.26	1.08	—	1.44	0.06	BS-600M <sup>15</sup>	1.32	1.11	—	1.53	0.07
		BS-300 <sup>6</sup>	1.28	1.10	—	1.46	0.06	BS-620M <sup>16</sup>	1.32	1.11	—	1.53	0.07
		BS-330E <sup>7</sup>	1.31	1.10	—	1.52	0.07	BS-800 <sup>17</sup>	1.30	1.09	—	1.51	0.07
		BS-360E <sup>8</sup>	1.27	1.09	—	1.45	0.06	BS-2000 <sup>18</sup>	1.32	1.11	—	1.53	0.07
		BS-380 <sup>9</sup>	1.31	1.10	—	1.52	0.07	BS-2800M <sup>19</sup>	1.32	1.11	—	1.53	0.07
<b>P II</b>	mmol/L	BS-120 <sup>1</sup>	4.03	3.38	—	4.68	0.22	BS-400 <sup>10</sup>	4.09	3.44	—	4.74	0.22
		BS-200 <sup>2</sup>	4.12	3.47	—	4.77	0.22	BS-430 <sup>11</sup>	4.06	3.41	—	4.71	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>	4.06	3.41	—	4.71	0.22	BS-480 <sup>13</sup>	4.03	3.38	—	4.68	0.22		
		BS-240 <sup>4</sup>	3.94	3.38	—	4.50	0.19	BS-600 <sup>14</sup>	4.03	3.38	—	4.68	0.22		
		BS-240E <sup>5</sup>	3.91	3.35	—	4.46	0.19	BS-600M <sup>15</sup>	4.09	3.44	—	4.74	0.22		
		BS-300 <sup>6</sup>	3.97	3.41	—	4.53	0.19	BS-620M <sup>16</sup>	4.09	3.44	—	4.74	0.22		
		BS-330E <sup>7</sup>	4.06	3.41	—	4.71	0.22	BS-800 <sup>17</sup>	4.03	3.38	—	4.68	0.22		
		BS-360E <sup>8</sup>	3.94	3.38	—	4.50	0.19	BS-2000 <sup>18</sup>	4.09	3.44	—	4.74	0.22		
		BS-380 <sup>9</sup>	4.06	3.41	—	4.71	0.22	BS-2800M <sup>19</sup>	4.09	3.44	—	4.74	0.22		
		TP	g/L	BS-120 <sup>1</sup>	53.6	45.5	—	61.7	2.7	BS-400 <sup>10</sup>	52.6	44.8	—	60.4	2.6
				BS-200 <sup>2</sup>	52.6	44.8	—	60.4	2.6	BS-430 <sup>11</sup>	51.9	44.1	—	59.7	2.6
BS-200E <sup>3</sup>	52.7			44.9	—	60.5	2.6	BS-480 <sup>13</sup>	52.6	44.8	—	60.4	2.6		
BS-240 <sup>4</sup>	52.7			44.9	—	60.5	2.6	BS-600 <sup>14</sup>	51.9	44.1	—	59.7	2.6		
BS-240E <sup>5</sup>	52.4			44.6	—	60.2	2.6	BS-600M <sup>15</sup>	51.9	44.1	—	59.7	2.6		
BS-300 <sup>6</sup>	52.3			44.5	—	60.1	2.6	BS-620M <sup>16</sup>	51.9	44.1	—	59.7	2.6		
BS-330E <sup>7</sup>	52.7			44.9	—	60.5	2.6	BS-800 <sup>17</sup>	51.9	44.1	—	59.7	2.6		
BS-360E <sup>8</sup>	52.5			44.7	—	60.3	2.6	BS-2000 <sup>18</sup>	52.1	44.3	—	59.9	2.6		
BS-380 <sup>9</sup>	52.1			44.3	—	59.9	2.6								
TP II	g/L	BS-120 <sup>1</sup>	51.1	43.3	—	58.9	2.6	BS-400 <sup>10</sup>	50.8	43.3	—	58.3	2.5		
		BS-200 <sup>2</sup>	51.1	43.3	—	58.9	2.6	BS-430 <sup>11</sup>	50.9	43.4	—	58.4	2.5		
		BS-200E <sup>3</sup>	51.4	43.6	—	59.2	2.6	BS-480 <sup>13</sup>	51.0	43.2	—	58.8	2.6		
		BS-240 <sup>4</sup>	51.4	43.6	—	59.2	2.6	BS-600 <sup>14</sup>	50.9	43.4	—	58.4	2.5		
		BS-240E <sup>5</sup>	50.6	43.1	—	58.1	2.5	BS-600M <sup>15</sup>	50.9	43.4	—	58.4	2.5		
		BS-300 <sup>6</sup>	51.1	43.3	—	58.9	2.6	BS-620M <sup>16</sup>	50.9	43.4	—	58.4	2.5		
		BS-330E <sup>7</sup>	51.4	43.6	—	59.2	2.6	BS-800 <sup>17</sup>	50.9	43.4	—	58.4	2.5		
		BS-360E <sup>8</sup>	51.2	43.4	—	59.0	2.6	BS-2000 <sup>18</sup>	51.1	43.3	—	58.9	2.6		
		BS-380 <sup>9</sup>	50.8	43.3	—	58.3	2.5	BS-2800M <sup>19</sup>	51.1	43.3	—	58.9	2.6		
TG	mmol/L	BS-120 <sup>1</sup>	1.29	1.11	—	1.47	0.06	BS-400 <sup>10</sup>	1.26	1.08	—	1.44	0.06		
		BS-200 <sup>2</sup>	1.29	1.11	—	1.47	0.06	BS-430 <sup>11</sup>	1.29	1.11	—	1.47	0.06		
		BS-200E <sup>3</sup>	1.28	1.10	—	1.46	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>	1.25	1.07	—	1.43	0.06	BS-600M <sup>15</sup>	1.29	1.11	—	1.47	0.06		
		BS-300 <sup>6</sup>	1.25	1.07	—	1.43	0.06	BS-620M <sup>16</sup>	1.29	1.11	—	1.47	0.06		
		BS-330E <sup>7</sup>	1.28	1.10	—	1.46	0.06	BS-800 <sup>17</sup>	1.29	1.11	—	1.47	0.06		
		BS-360E <sup>8</sup>	1.25	1.07	—	1.43	0.06	BS-2000 <sup>18</sup>	1.29	1.11	—	1.47	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		
	mg/dL	BS-120 <sup>1</sup>	114	98	—	130	5	BS-400 <sup>10</sup>	112	96	—	127	5		
		BS-200 <sup>2</sup>	114	98	—	130	5	BS-430 <sup>11</sup>	114	98	—	130	5		
		BS-200E <sup>3</sup>	113	97	—	129	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>	111	95	—	127	5	BS-600M <sup>15</sup>	114	98	—	130	5		
		BS-300 <sup>6</sup>	111	95	—	127	5	BS-620M <sup>16</sup>	114	98	—	130	5		
		BS-330E <sup>7</sup>	113	97	—	129	5	BS-800 <sup>17</sup>	114	98	—	130	5		
		BS-360E <sup>8</sup>	111	95	—	127	5	BS-2000 <sup>18</sup>	114	98	—	130	5		
		BS-380 <sup>9</sup>	113	97	—	129	5	BS-2800M <sup>19</sup>	114	98	—	130	5		
UA	μmol/L	BS-120 <sup>1</sup>	308	266	—	350	14	BS-400 <sup>10</sup>	308	266	—	350	14		
		BS-200 <sup>2</sup>	305	263	—	347	14	BS-430 <sup>11</sup>	311	269	—	353	14		
		BS-200E <sup>3</sup>	308	266	—	350	14	BS-480 <sup>13</sup>	311	269	—	353	14		
		BS-240 <sup>4</sup>	304	262	—	346	14	BS-600 <sup>14</sup>	311	269	—	353	14		
		BS-240E <sup>5</sup>	311	269	—	353	14	BS-600M <sup>15</sup>	308	266	—	350	14		
		BS-300 <sup>6</sup>	308	266	—	350	14	BS-620M <sup>16</sup>	308	266	—	350	14		
		BS-330E <sup>7</sup>	308	266	—	350	14	BS-800 <sup>17</sup>	311	269	—	353	14		
		BS-360E <sup>8</sup>	309	267	—	351	14	BS-2000 <sup>18</sup>	310	268	—	352	14		
		BS-380 <sup>9</sup>	308	266	—	350	14	BS-2800M <sup>19</sup>	308	266	—	350	14		
		BS-120 <sup>1</sup>	5.18	4.47	—	5.88	0.24	BS-400 <sup>10</sup>	5.18	4.47	—	5.88	0.24		
		BS-200 <sup>2</sup>	5.13	4.42	—	5.83	0.24	BS-430 <sup>11</sup>	5.23	4.52	—	5.93	0.24		
		BS-200E <sup>3</sup>	5.18	4.47	—	5.88	0.24	BS-480 <sup>13</sup>	5.23	4.52	—	5.93	0.24		
		BS-240 <sup>4</sup>	5.11	4.40	—	5.82	0.24	BS-600 <sup>14</sup>	5.23	4.52	—	5.93	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>	5.23	4.52	—	5.93	0.24	BS-600M <sup>15</sup>	5.18	4.47	—	5.88	0.24
		BS-300 <sup>6</sup>	5.18	4.47	—	5.88	0.24	BS-620M <sup>16</sup>	5.18	4.47	—	5.88	0.24
		BS-330E <sup>7</sup>	5.18	4.47	—	5.88	0.24	BS-800 <sup>17</sup>	5.23	4.52	—	5.93	0.24
		BS-360E <sup>8</sup>	5.19	4.49	—	5.90	0.24	BS-2000 <sup>18</sup>	5.21	4.50	—	5.92	0.24
		BS-380 <sup>9</sup>	5.18	4.47	—	5.88	0.24	BS-2800M <sup>19</sup>	5.18	4.47	—	5.88	0.24
	mmol/L	BS-120 <sup>1</sup>	6.90	5.85	—	7.95	0.35	BS-400 <sup>10</sup>	6.93	5.88	—	7.98	0.35
		BS-200 <sup>2</sup>	6.90	5.85	—	7.95	0.35	BS-430 <sup>11</sup>	6.88	5.86	—	7.90	0.34
		BS-200E <sup>3</sup>	6.98	5.93	—	8.03	0.35	BS-480 <sup>13</sup>	6.85	5.83	—	7.87	0.34
		BS-240 <sup>4</sup>	6.91	5.86	—	7.96	0.35	BS-600 <sup>14</sup>	6.88	5.86	—	7.90	0.34
BS-240E <sup>5</sup>		6.96	5.91	—	8.01	0.35	BS-600M <sup>15</sup>	6.90	5.85	—	7.95	0.35	
BS-300 <sup>6</sup>		6.93	5.88	—	7.98	0.35	BS-620M <sup>16</sup>	6.90	5.85	—	7.95	0.35	
BS-330E <sup>7</sup>		6.98	5.93	—	8.03	0.35	BS-800 <sup>17</sup>	6.88	5.86	—	7.90	0.34	
BS-360E <sup>8</sup>		6.88	5.86	—	7.90	0.34	BS-2000 <sup>18</sup>	6.92	5.87	—	7.97	0.35	
BS-380 <sup>9</sup>		6.93	5.88	—	7.98	0.35	BS-2800M <sup>19</sup>	6.85	5.83	—	7.87	0.34	
mg/dL	BS-120 <sup>1</sup>	41.4	35.1	—	47.7	2.1	BS-400 <sup>10</sup>	41.6	35.3	—	47.9	2.1	
	BS-200 <sup>2</sup>	41.4	35.1	—	47.7	2.1	BS-430 <sup>11</sup>	41.3	35.2	—	47.4	2.0	
	BS-200E <sup>3</sup>	41.9	35.6	—	48.2	2.1	BS-480 <sup>13</sup>	41.1	35.0	—	47.3	2.0	
	BS-240 <sup>4</sup>	41.5	35.2	—	47.8	2.1	BS-600 <sup>14</sup>	41.3	35.2	—	47.4	2.0	
	BS-240E <sup>5</sup>	41.8	35.5	—	48.1	2.1	BS-600M <sup>15</sup>	41.4	35.1	—	47.7	2.1	
	BS-300 <sup>6</sup>	41.6	35.3	—	47.9	2.1	BS-620M <sup>16</sup>	41.4	35.1	—	47.7	2.1	
	BS-330E <sup>7</sup>	41.9	35.6	—	48.2	2.1	BS-800 <sup>17</sup>	41.3	35.2	—	47.4	2.0	
	BS-360E <sup>8</sup>	41.3	35.2	—	47.4	2.0	BS-2000 <sup>18</sup>	41.6	35.3	—	47.9	2.1	
	BS-380 <sup>9</sup>	41.6	35.3	—	47.9	2.1	BS-2800M <sup>19</sup>	41.1	35.0	—	47.3	2.0	
U/L	BS-120 <sup>1</sup>	44.5	35.5	—	53.5	3.0	BS-400 <sup>10</sup>	44.9	35.9	—	53.9	3.0	
	BS-200 <sup>2</sup>	42.7	34.0	—	51.4	2.9	BS-430 <sup>11</sup>	44.0	35.3	—	52.7	2.9	
	BS-200E <sup>3</sup>	45.9	36.6	—	55.2	3.1	BS-480 <sup>13</sup>	43.6	34.9	—	52.3	2.9	
	BS-240 <sup>4</sup>	45.4	36.4	—	54.4	3.0	BS-600 <sup>14</sup>	43.9	35.2	—	52.6	2.9	
	BS-240E <sup>5</sup>	44.8	35.8	—	53.8	3.0	BS-600M <sup>15</sup>	44.3	35.3	—	53.3	3.0	
	BS-300 <sup>6</sup>	42.7	34.0	—	51.4	2.9	BS-620M <sup>16</sup>	44.3	35.3	—	53.3	3.0	
	BS-330E <sup>7</sup>	45.9	36.6	—	55.2	3.1	BS-800 <sup>17</sup>	43.9	35.2	—	52.6	2.9	
	BS-360E <sup>8</sup>	44.2	35.2	—	53.2	3.0	BS-2000 <sup>18</sup>	43.8	35.1	—	52.5	2.9	
	BS-380 <sup>9</sup>	44.9	35.9	—	53.9	3.0	BS-2800M <sup>19</sup>	44.2	35.2	—	53.2	3.0	
LIP	µkat/L	BS-120 <sup>1</sup>	0.743	0.593	—	0.893	0.050	BS-400 <sup>10</sup>	0.750	0.600	—	0.900	0.050
		BS-200 <sup>2</sup>	0.713	0.568	—	0.858	0.048	BS-430 <sup>11</sup>	0.735	0.590	—	0.880	0.048
		BS-200E <sup>3</sup>	0.767	0.611	—	0.922	0.052	BS-480 <sup>13</sup>	0.728	0.583	—	0.873	0.048
		BS-240 <sup>4</sup>	0.758	0.608	—	0.908	0.050	BS-600 <sup>14</sup>	0.733	0.588	—	0.878	0.048
		BS-240E <sup>5</sup>	0.748	0.598	—	0.898	0.050	BS-600M <sup>15</sup>	0.740	0.590	—	0.890	0.050
		BS-300 <sup>6</sup>	0.713	0.568	—	0.858	0.048	BS-620M <sup>16</sup>	0.740	0.590	—	0.890	0.050
		BS-330E <sup>7</sup>	0.767	0.611	—	0.922	0.052	BS-800 <sup>17</sup>	0.733	0.588	—	0.878	0.048
		BS-360E <sup>8</sup>	0.738	0.588	—	0.888	0.050	BS-2000 <sup>18</sup>	0.731	0.586	—	0.877	0.048
		BS-380 <sup>9</sup>	0.750	0.600	—	0.900	0.050	BS-2800M <sup>19</sup>	0.738	0.588	—	0.888	0.050
CHE	U/L	BS-200 <sup>2</sup>	5882	4700	—	7064	394	BS-430 <sup>11</sup>	5920	4729	—	7111	397
		BS-200E <sup>3</sup>	5851	4675	—	7027	392	BS-480 <sup>13</sup>	5860	4681	—	7039	393
		BS-240 <sup>4</sup>	5893	4708	—	7078	395	BS-600 <sup>14</sup>	5920	4729	—	7111	397
		BS-240E <sup>5</sup>	5844	4668	—	7020	392	BS-600M <sup>15</sup>	5970	4770	—	7170	400
		BS-300 <sup>6</sup>	5907	4719	—	7095	396	BS-620M <sup>16</sup>	5970	4770	—	7170	400
		BS-330E <sup>7</sup>	5851	4675	—	7027	392	BS-800 <sup>17</sup>	5920	4729	—	7111	397
		BS-360E <sup>8</sup>	5905	4717	—	7093	396	BS-2000 <sup>18</sup>	5960	4763	—	7157	399
		BS-380 <sup>9</sup>	5865	4686	—	7044	393	BS-2800M <sup>19</sup>	5970	4770	—	7170	400
		BS-400 <sup>10</sup>	5865	4686	—	7044	393						
µkat/L		BS-200 <sup>2</sup>	98.2	78.5	—	118.0	6.6	BS-430 <sup>11</sup>	98.9	79.0	—	118.8	6.6
	BS-200E <sup>3</sup>	97.7	78.1	—	117.4	6.5	BS-480 <sup>13</sup>	97.9	78.2	—	117.6	6.6	
	BS-240 <sup>4</sup>	98.4	78.6	—	118.2	6.6	BS-600 <sup>14</sup>	98.9	79.0	—	118.8	6.6	
	BS-240E <sup>5</sup>	97.6	78.0	—	117.2	6.5	BS-600M <sup>15</sup>	99.7	79.7	—	119.7	6.7	
	BS-300 <sup>6</sup>	98.6	78.8	—	118.5	6.6	BS-620M <sup>16</sup>	99.7	79.7	—	119.7	6.7	
BS-330E <sup>7</sup>	97.7	78.1	—	117.4	6.5	BS-800 <sup>17</sup>	98.9	79.0	—	118.8	6.6		

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
Fe	μmol/L	BS-360E <sup>8</sup>	98.6	78.8	—	118.5	6.6	BS-2000 <sup>18</sup>	99.5	79.5	—	119.5	6.7
		BS-380 <sup>9</sup>	97.9	78.3	—	117.6	6.6	BS-2800M <sup>19</sup>	99.7	79.7	—	119.7	6.7
		BS-400 <sup>10</sup>	97.9	78.3	—	117.6	6.6						
		BS-120 <sup>1</sup>	19.2	15.3	—	23.1	1.3	BS-400 <sup>10</sup>	19.5	15.6	—	23.4	1.3
		BS-200 <sup>2</sup>	19.5	15.6	—	23.4	1.3	BS-430 <sup>11</sup>	19.3	15.4	—	23.2	1.3
		BS-200E <sup>3</sup>	20.2	16.0	—	24.4	1.4	BS-480 <sup>13</sup>	19.4	15.5	—	23.3	1.3
		BS-240 <sup>4</sup>	19.1	15.2	—	23.0	1.3	BS-600 <sup>14</sup>	19.4	15.5	—	23.3	1.3
		BS-240E <sup>5</sup>	19.8	15.9	—	23.7	1.3	BS-600M <sup>15</sup>	19.2	15.3	—	23.1	1.3
		BS-300 <sup>6</sup>	19.4	15.5	—	23.3	1.3	BS-620M <sup>16</sup>	19.2	15.3	—	23.1	1.3
	mg/L	BS-330E <sup>7</sup>	20.2	16.0	—	24.4	1.4	BS-800 <sup>17</sup>	19.6	15.7	—	23.5	1.3
		BS-360E <sup>8</sup>	19.8	15.9	—	23.7	1.3	BS-2000 <sup>18</sup>	19.3	15.4	—	23.2	1.3
		BS-380 <sup>9</sup>	20.4	16.2	—	24.6	1.4	BS-2800M <sup>19</sup>	19.4	15.5	—	23.3	1.3
		BS-120 <sup>1</sup>	1.07	0.85	—	1.29	0.07	BS-400 <sup>10</sup>	1.09	0.87	—	1.31	0.07
		BS-200 <sup>2</sup>	1.09	0.87	—	1.31	0.07	BS-430 <sup>11</sup>	1.08	0.86	—	1.30	0.07
		BS-200E <sup>3</sup>	1.13	0.89	—	1.36	0.08	BS-480 <sup>13</sup>	1.08	0.87	—	1.30	0.07
		BS-240 <sup>4</sup>	1.07	0.85	—	1.28	0.07	BS-600 <sup>14</sup>	1.08	0.87	—	1.30	0.07
		BS-240E <sup>5</sup>	1.11	0.89	—	1.32	0.07	BS-600M <sup>15</sup>	1.07	0.85	—	1.29	0.07
		BS-300 <sup>6</sup>	1.08	0.87	—	1.30	0.07	BS-620M <sup>16</sup>	1.07	0.85	—	1.29	0.07
	UIBC	μmol/L	BS-330E <sup>7</sup>	1.13	0.89	—	1.36	0.08	BS-800 <sup>17</sup>	1.09	0.88	—	1.31
BS-360E <sup>8</sup>			1.11	0.89	—	1.32	0.07	BS-2000 <sup>18</sup>	1.08	0.86	—	1.30	0.07
BS-380 <sup>9</sup>			1.14	0.91	—	1.37	0.08	BS-2800M <sup>19</sup>	1.08	0.87	—	1.30	0.07
BS-240 <sup>4</sup>			31.7	25.4	—	38.0	2.1	BS-600 <sup>14</sup>	33.3	26.7	—	39.9	2.2
BS-240E <sup>5</sup>			34.5	27.6	—	41.4	2.3	BS-600M <sup>15</sup>	32.7	26.1	—	39.3	2.2
BS-360E <sup>8</sup>			32.5	25.9	—	39.1	2.2	BS-620M <sup>16</sup>	32.7	26.1	—	39.3	2.2
μg/dL		BS-380 <sup>9</sup>	33.3	26.7	—	39.9	2.2	BS-800 <sup>17</sup>	33.3	26.7	—	39.9	2.2
		BS-400 <sup>10</sup>	33.3	26.7	—	39.9	2.2	BS-2000 <sup>18</sup>	30.3	24.3	—	36.3	2.0
		BS-430 <sup>11</sup>	33.3	26.7	—	39.9	2.2	BS-2800M <sup>19</sup>	30.8	24.5	—	37.1	2.1
		BS-480 <sup>13</sup>	34.7	27.8	—	41.6	2.3						
		BS-240 <sup>4</sup>	177	142	—	212	12	BS-600 <sup>14</sup>	186	149	—	223	12
		BS-240E <sup>5</sup>	193	154	—	231	13	BS-600M <sup>15</sup>	183	146	—	220	12
		BS-360E <sup>8</sup>	182	145	—	219	12	BS-620M <sup>16</sup>	183	146	—	220	12
ASO II	IU/mL	BS-380 <sup>9</sup>	186	149	—	223	12	BS-800 <sup>17</sup>	186	149	—	223	12
		BS-400 <sup>10</sup>	186	149	—	223	12	BS-2000 <sup>18</sup>	169	136	—	203	11
		BS-430 <sup>11</sup>	186	149	—	223	12	BS-2800M <sup>19</sup>	172	137	—	207	12
		BS-480 <sup>13</sup>	194	155	—	233	13						
		BS-200E <sup>3</sup>	114	75	—	153	13	BS-480 <sup>13</sup>	112	73	—	151	13
		BS-240 <sup>4</sup>	114	75	—	153	13	BS-600 <sup>14</sup>	112	73	—	151	13
		BS-240E <sup>5</sup>	112	73	—	151	13	BS-600M <sup>15</sup>	112	73	—	151	13
		BS-360E <sup>8</sup>	112	73	—	151	13	BS-620M <sup>16</sup>	112	73	—	151	13
FER	ng/mL	BS-380 <sup>9</sup>	114	75	—	153	13	BS-800 <sup>17</sup>	112	73	—	151	13
		BS-400 <sup>10</sup>	114	75	—	153	13	BS-2000 <sup>18</sup>	113	74	—	152	13
		BS-430 <sup>11</sup>	112	73	—	151	13	BS-2800M <sup>19</sup>	112	73	—	151	13
		BS-200E <sup>3</sup>	107	92	—	122	5	BS-480 <sup>13</sup>	105	90	—	120	5
		BS-240 <sup>4</sup>	112	94	—	130	6	BS-600 <sup>14</sup>	105	90	—	120	5
		BS-240E <sup>5</sup>	105	90	—	120	5	BS-600M <sup>15</sup>	105	90	—	120	5
		BS-360E <sup>8</sup>	105	90	—	120	5	BS-620M <sup>16</sup>	105	90	—	120	5
	pmol/L	BS-380 <sup>9</sup>	107	92	—	122	5	BS-800 <sup>17</sup>	105	90	—	120	5
		BS-400 <sup>10</sup>	107	92	—	122	5	BS-2000 <sup>18</sup>	104	89	—	119	5
		BS-430 <sup>11</sup>	105	90	—	120	5	BS-2800M <sup>19</sup>	105	90	—	120	5
		BS-200E <sup>3</sup>	240	207	—	274	11	BS-480 <sup>13</sup>	236	202	—	270	11
pmol/L	BS-240 <sup>4</sup>	252	211	—	292	13	BS-600 <sup>14</sup>	236	202	—	270	11	
	BS-240E <sup>5</sup>	236	202	—	270	11	BS-600M <sup>15</sup>	236	202	—	270	11	
	BS-360E <sup>8</sup>	236	202	—	270	11	BS-620M <sup>16</sup>	236	202	—	270	11	
	BS-380 <sup>9</sup>	240	207	—	274	11	BS-800 <sup>17</sup>	236	202	—	270	11	
	BS-400 <sup>10</sup>	240	207	—	274	11	BS-2000 <sup>18</sup>	234	200	—	267	11	
BS-430 <sup>11</sup>	236	202	—	270	11	BS-2800M <sup>19</sup>	236	202	—	270	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>	5.97	4.17	—	7.77	0.60	BS-430 <sup>11</sup>	5.86	4.09	—	7.63	0.59
		BS-240 <sup>4</sup>	5.91	4.14	—	7.68	0.59	BS-480 <sup>13</sup>	5.91	4.14	—	7.68	0.59
		BS-240E <sup>5</sup>	6.74	4.73	—	8.75	0.67	BS-600 <sup>14</sup>	5.91	4.14	—	7.68	0.59
		BS-300 <sup>6</sup>	5.98	4.18	—	7.78	0.60	BS-600M <sup>15</sup>	5.80	4.06	—	7.54	0.58
		BS-330E <sup>7</sup>	5.97	4.17	—	7.77	0.60	BS-620M <sup>16</sup>	5.80	4.06	—	7.54	0.58
		BS-360E <sup>8</sup>	5.91	4.14	—	7.68	0.59	BS-800 <sup>17</sup>	5.91	4.14	—	7.68	0.59
		BS-380 <sup>9</sup>	5.98	4.18	—	7.78	0.60	BS-2000 <sup>18</sup>	6.01	4.21	—	7.81	0.60
	BS-400 <sup>10</sup>	5.90	4.13	—	7.67	0.59	BS-2800M <sup>19</sup>	5.80	4.06	—	7.54	0.58	
	nmol/L	BS-200E <sup>3</sup>	56.8	39.7	—	74.0	5.7	BS-430 <sup>11</sup>	55.8	38.9	—	72.6	5.6
		BS-240 <sup>4</sup>	56.3	39.4	—	73.1	5.6	BS-480 <sup>13</sup>	56.3	39.4	—	73.1	5.6
BS-240E <sup>5</sup>		64.2	45.0	—	83.3	6.4	BS-600 <sup>14</sup>	56.3	39.4	—	73.1	5.6	
BS-300 <sup>6</sup>		56.9	39.8	—	74.1	5.7	BS-600M <sup>15</sup>	55.2	38.7	—	71.8	5.5	
BS-330E <sup>7</sup>		56.8	39.7	—	74.0	5.7	BS-620M <sup>16</sup>	55.2	38.7	—	71.8	5.5	
BS-360E <sup>8</sup>		56.3	39.4	—	73.1	5.6	BS-800 <sup>17</sup>	56.3	39.4	—	73.1	5.6	
BS-380 <sup>9</sup>		56.9	39.8	—	74.1	5.7	BS-2000 <sup>18</sup>	57.2	40.1	—	74.4	5.7	
BS-400 <sup>10</sup>	56.2	39.3	—	73.0	5.6	BS-2800M <sup>19</sup>	55.2	38.7	—	71.8	5.5		
TRF	g/L	BS-120 <sup>1</sup>	1.95	1.65	—	2.25	0.10	BS-430 <sup>11</sup>	1.99	1.69	—	2.29	0.10
		BS-200 <sup>2</sup>	1.97	1.67	—	2.27	0.10	BS-480 <sup>13</sup>	1.98	1.68	—	2.28	0.10
		BS-200E <sup>3</sup>	2.03	1.73	—	2.33	0.10	BS-600 <sup>14</sup>	1.97	1.67	—	2.27	0.10
		BS-240 <sup>4</sup>	1.97	1.67	—	2.27	0.10	BS-600M <sup>15</sup>	1.95	1.65	—	2.25	0.10
		BS-240E <sup>5</sup>	1.98	1.68	—	2.28	0.10	BS-620M <sup>16</sup>	1.95	1.65	—	2.25	0.10
		BS-360E <sup>8</sup>	1.98	1.68	—	2.28	0.10	BS-800 <sup>17</sup>	1.98	1.68	—	2.28	0.10
		BS-380 <sup>9</sup>	2.03	1.73	—	2.33	0.10	BS-2000 <sup>18</sup>	2.00	1.70	—	2.30	0.10
	BS-400 <sup>10</sup>	2.03	1.73	—	2.33	0.10	BS-2800M <sup>19</sup>	1.95	1.65	—	2.25	0.10	
	μmol/L	BS-120 <sup>1</sup>	24.6	20.8	—	28.4	1.3	BS-430 <sup>11</sup>	25.1	21.3	—	28.9	1.3
		BS-200 <sup>2</sup>	24.8	21.0	—	28.6	1.3	BS-480 <sup>13</sup>	24.9	21.2	—	28.7	1.3
BS-200E <sup>3</sup>		25.6	21.8	—	29.4	1.3	BS-600 <sup>14</sup>	24.8	21.0	—	28.6	1.3	
BS-240 <sup>4</sup>		24.8	21.0	—	28.6	1.3	BS-600M <sup>15</sup>	24.6	20.8	—	28.4	1.3	
BS-240E <sup>5</sup>		24.9	21.2	—	28.7	1.3	BS-620M <sup>16</sup>	24.6	20.8	—	28.4	1.3	
BS-360E <sup>8</sup>		24.9	21.2	—	28.7	1.3	BS-800 <sup>17</sup>	24.9	21.2	—	28.7	1.3	
BS-380 <sup>9</sup>		25.6	21.8	—	29.4	1.3	BS-2000 <sup>18</sup>	25.2	21.4	—	29.0	1.3	
BS-400 <sup>10</sup>	25.6	21.8	—	29.4	1.3	BS-2800M <sup>19</sup>	24.6	20.8	—	28.4	1.3		
Na+	mmol/L	BS-120 <sup>1</sup>	124	112	—	136	4	BS-380 <sup>9</sup>	126	114	—	138	4
		BS-200 <sup>2</sup>	124	112	—	136	4	BS-400 <sup>10</sup>	124	112	—	136	4
		BS-200E <sup>3</sup>	124	112	—	136	4	BS-430 <sup>11</sup>	124	112	—	136	4
		BS-240 <sup>4</sup>	124	112	—	136	4	BS-450 <sup>12</sup>	123	111	—	135	4
		BS-240E <sup>5</sup>	119	107	—	131	4	BS-480 <sup>13</sup>	124	112	—	136	4
		BS-300 <sup>6</sup>	124	112	—	136	4	BS-600 <sup>14</sup>	120	108	—	132	4
		BS-330E <sup>7</sup>	124	112	—	136	4	BS-600M <sup>15</sup>	123	111	—	135	4
	BS-360E <sup>8</sup>	124	112	—	136	4	BS-620M <sup>16</sup>	123	111	—	135	4	
	mmol/L	BS-800 <sup>17</sup>	114	102	—	126	4	BS-2800M <sup>19</sup>	113	101	—	125	4
		BS-2000 <sup>18</sup>	114	102	—	126	4						
K+	mmol/L	BS-120 <sup>1</sup>	3.73	3.37	—	4.09	0.12	BS-380 <sup>9</sup>	3.78	3.42	—	4.14	0.12
		BS-200 <sup>2</sup>	3.73	3.37	—	4.09	0.12	BS-400 <sup>10</sup>	3.73	3.37	—	4.09	0.12
		BS-200E <sup>3</sup>	3.73	3.37	—	4.09	0.12	BS-430 <sup>11</sup>	3.70	3.34	—	4.06	0.12
		BS-240 <sup>4</sup>	3.73	3.37	—	4.09	0.12	BS-450 <sup>12</sup>	3.95	3.56	—	4.34	0.13
		BS-240E <sup>5</sup>	3.62	3.26	—	3.98	0.12	BS-480 <sup>13</sup>	3.74	3.38	—	4.10	0.12
		BS-300 <sup>6</sup>	3.73	3.37	—	4.09	0.12	BS-600 <sup>14</sup>	3.63	3.27	—	3.99	0.12
		BS-330E <sup>7</sup>	3.73	3.37	—	4.09	0.12	BS-600M <sup>15</sup>	3.95	3.56	—	4.34	0.13
	BS-360E <sup>8</sup>	3.73	3.37	—	4.09	0.12	BS-620M <sup>16</sup>	3.95	3.56	—	4.34	0.13	
	mmol/L	BS-800 <sup>17</sup>	3.62	3.26	—	3.98	0.12	BS-2800M <sup>19</sup>	3.60	3.24	—	3.96	0.12
		BS-2000 <sup>18</sup>	3.62	3.26	—	3.98	0.12						
mmol/L	BS-120 <sup>1</sup>	89.7	80.7	—	98.7	3.0	BS-380 <sup>9</sup>	91.2	82.2	—	100.2	3.0	
	BS-200 <sup>2</sup>	89.7	80.7	—	98.7	3.0	BS-400 <sup>10</sup>	89.7	80.7	—	98.7	3.0	
	BS-200E <sup>3</sup>	89.7	80.7	—	98.7	3.0	BS-430 <sup>11</sup>	89.6	80.6	—	98.6	3.0	
	BS-240 <sup>4</sup>	89.7	80.7	—	98.7	3.0	BS-450 <sup>12</sup>	92.2	83.2	—	101.2	3.0	



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>	89.4	80.4	—	98.4	3.0	<b>BS-480<sup>13</sup></b>	91.9	82.9	—	100.9	3.0
		<b>BS-300<sup>6</sup></b>	89.7	80.7	—	98.7	3.0	<b>BS-600<sup>14</sup></b>	87.0	78.3	—	95.7	2.9
		<b>BS-330E<sup>7</sup></b>	89.7	80.7	—	98.7	3.0	<b>BS-600M<sup>15</sup></b>	92.2	83.2	—	101.2	3.0
		<b>BS-360E<sup>8</sup></b>	89.7	80.7	—	98.7	3.0	<b>BS-620M<sup>16</sup></b>	92.2	83.2	—	101.2	3.0
		<b>BS-800<sup>17</sup></b>	90.0	81.0	—	99.0	3.0	<b>BS-2800M<sup>19</sup></b>	89.6	80.6	—	98.6	3.0
		<b>BS-2000<sup>18</sup></b>	90.0	81.0	—	99.0	3.0						

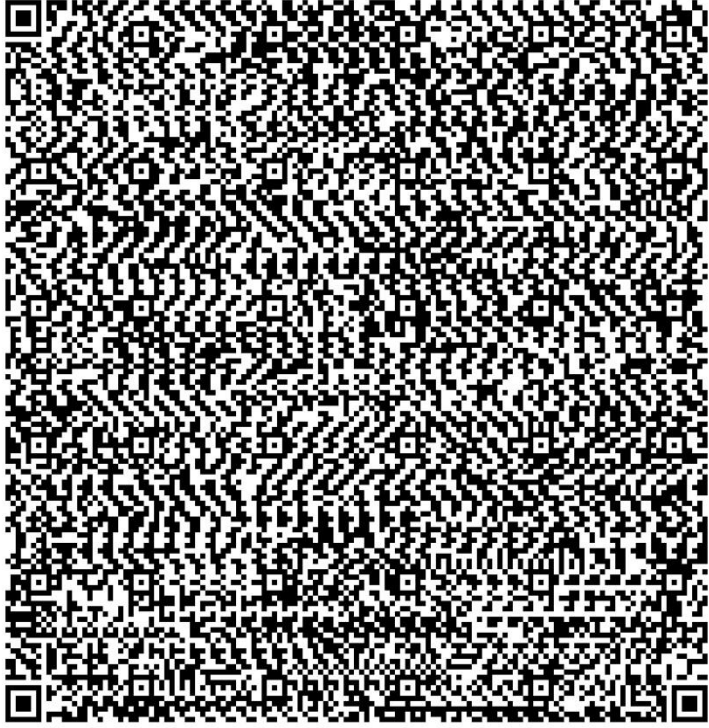
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**ClinChem Multi Control (level 1)**

For use on: BS-2800M

**LOT 059324004**

**2026-03-17**



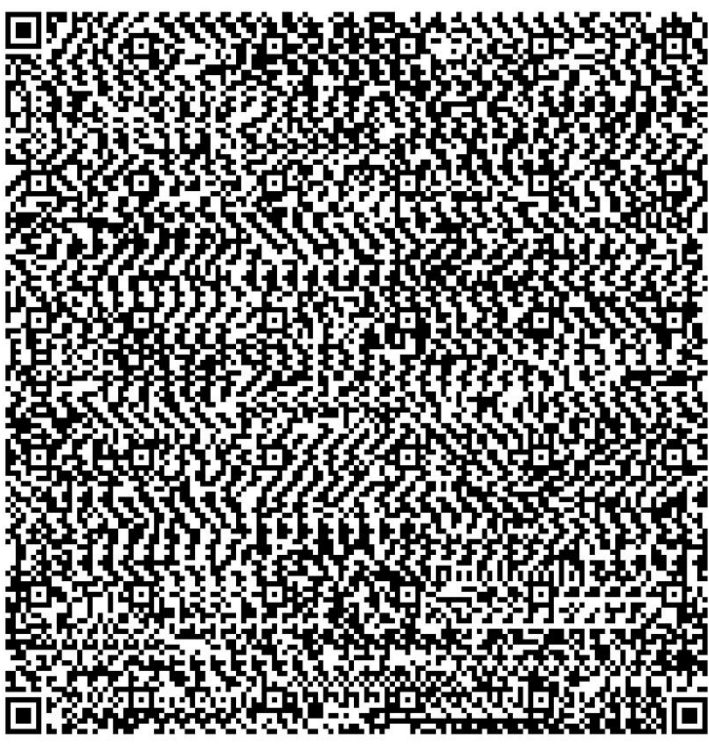
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**ClinChem Multi Control (level 1)**

For use on: BS-2000

**LOT 059324004**

**2026-03-17**



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**ClinChem Multi Control (level 1)**

For use on: BS-620M

**LOT 059324004**

**2026-03-17**



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**ClinChem Multi Control (level 1)**

For use on: BS-600M

**LOT 059324004**

**2026-03-17**



# **mindray**

## **ClinChem Multi Control (level 1)**

For use on: BS-800

**LOT** 059324004

**EXP** 2026-03-17

