

## 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.BS-480: BS-480, BS-490;
- 13.BS-600: BS-600, BS-620;
- 14.BS-600M: BS-600M;
- 15.BS-620M: BS-620M;
- 16.BS-800: BS-800, BS-820, BS-800M, BS-820M, BS-1800, BS-1800plus;
- 17.BS-2000: BS-2000, BS-2200, BS-2000M, BS-2200M;
- 18.BS-2800M:BS-2600M, BS-2800M.
- 19.Applicable models of the chemistry shall be subject to the parameter list and instructions.

**LOT : 059323009**

**🕒 : 2025-07-25**

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 DS)	
<b>Türkçe</b>	kısaltılmış ad	model	Ünite	Tayin Değeri	Aralık (Tayin Değeri±3SD)	
English	ALB	ALP	ALT	α-AMY	AST	
<b>English</b>	Albumin	Alkaline Phosphatase	Alanine Aminotransferase	α-Amylase	Aspartate Aminotransferase	
<b>Русский</b>	Альбумин	Щелочная фосфатаза	Аланинаминотрансфераза	Альфа-амилаза	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	
English	Bil-D	Bil-T	Ca	TC	HDL-C	LDL-C
<b>English</b>	Direct Bilirubin	Total Bilirubin	Calcium	Total Cholesterol	HDL-Cholesterol	LDL-Cholesterol
<b>Русский</b>	Прямой билирубин	Общий билирубин	Кальций	Общий холестерин	Холестерин ЛПВП	Холестерин ЛПНП
<b>Português</b>	Bilirrubina Direta	Bilirrubina Total	Cálcio	Colesterol Total	Colesterol HDL	Colesterol LDL
<b>Español</b>	Bilirrubina directa	Bilirrubina total	Calcio	Colesterol total	Colesterol HDL	Colesterol LDL
<b>Italiano</b>	Bilirubina diretta	Bilirubina totale	Calcio	Colesterolo totale	Colesterolo HDL	Colesterolo LDL
<b>Türkçe</b>	Direkt Bilirubin	Total Bilirubin	Kalsiyum	Total Kolesterol	HDL-Kolesterol	LDL-Kolesterol
English	CK	CK-MB	Crea	GLU	GGT	
<b>English</b>	Creatine Kinase	Creatine Kinase-MB	Creatinine	Glucose	Gamma-Glutamyltransferase	
<b>Русский</b>	Креатинкиназа	МВ фракцию креатинкиназы	Креатинин	Глюкоза	Гамма-глутамилтрансфераза	
<b>Português</b>	Creatina Quinase	creatina quinase-MB	Creatinina	Glicose	Gama Glutamil Transferase	
<b>Español</b>	Creatina quinasa	creatina quinasa-MB	Creatinina	Glucosa	Gamma-Glutamiltransferasa	
<b>Italiano</b>	Creatina chinase	creatina chinasi-MB	Creatinina	Glucosio	Gamma-glutamiltransferasi	
<b>Türkçe</b>	Kreatin Kinaz	Kreatin Kinaz-MB	Kreatinin	Glukoz	Gama-Glutamiltransferaz	
English	α-HBDH	ApoA1	ApoB	C3		
<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-Hidroxitburitarto 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	С-реактивный белок	Иммуноглобулин А	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			Antiestreptolisina "O"	Ferritina	Transferrina
<b>Español</b>	Capacidad de unión de hierro no saturado			antiestreptolisina "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>ALT</b>	U/L	<b>BS-120<sup>1</sup></b>	55.3	46.9	—	63.7	2.8	<b>BS-400<sup>10</sup></b>	55.6	47.2	—	64.0	2.8
		<b>BS-200<sup>2</sup></b>	55.3	46.9	—	63.7	2.8	<b>BS-430<sup>11</sup></b>	55.6	47.2	—	64.0	2.8
		<b>BS-200E<sup>3</sup></b>	53.9	45.8	—	62.0	2.7	<b>BS-480<sup>12</sup></b>	55.4	47.0	—	63.8	2.8
		<b>BS-240<sup>4</sup></b>	55.2	46.8	—	63.6	2.8	<b>BS-600<sup>13</sup></b>	55.6	47.2	—	64.0	2.8
		<b>BS-240E<sup>5</sup></b>	55.1	46.7	—	63.5	2.8	<b>BS-600M<sup>14</sup></b>	54.4	46.3	—	62.5	2.7
		<b>BS-300<sup>6</sup></b>	55.2	46.8	—	63.6	2.8	<b>BS-620M<sup>15</sup></b>	54.4	46.3	—	62.5	2.7
		<b>BS-330E<sup>7</sup></b>	53.9	45.8	—	62.0	2.7	<b>BS-800<sup>16</sup></b>	55.6	47.2	—	64.0	2.8
	µkat/L	<b>BS-360E<sup>8</sup></b>	54.9	46.8	—	63.0	2.7	<b>BS-2000<sup>17</sup></b>	55.2	46.8	—	63.6	2.8
		<b>BS-380<sup>9</sup></b>	55.6	47.2	—	64.0	2.8	<b>BS-2800M<sup>18</sup></b>	54.4	46.3	—	62.5	2.7
		<b>BS-120<sup>1</sup></b>	0.924	0.783	—	1.064	0.047	<b>BS-400<sup>10</sup></b>	0.929	0.788	—	1.069	0.047
		<b>BS-200<sup>2</sup></b>	0.924	0.783	—	1.064	0.047	<b>BS-430<sup>11</sup></b>	0.929	0.788	—	1.069	0.047
		<b>BS-200E<sup>3</sup></b>	0.900	0.765	—	1.035	0.045	<b>BS-480<sup>12</sup></b>	0.925	0.785	—	1.065	0.047
		<b>BS-240<sup>4</sup></b>	0.922	0.782	—	1.062	0.047	<b>BS-600<sup>13</sup></b>	0.929	0.788	—	1.069	0.047
		<b>BS-240E<sup>5</sup></b>	0.920	0.780	—	1.060	0.047	<b>BS-600M<sup>14</sup></b>	0.908	0.773	—	1.044	0.045
<b>BS-300<sup>6</sup></b>	0.922	0.782	—	1.062	0.047	<b>BS-620M<sup>15</sup></b>	0.908	0.773	—	1.044	0.045		
<b>BS-330E<sup>7</sup></b>	0.900	0.765	—	1.035	0.045	<b>BS-800<sup>16</sup></b>	0.929	0.788	—	1.069	0.047		

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)			1 SD	Model	Assay Value	Range(Assay Value±3SD)			1 SD
ALT	μkat/L	BS-360E <sup>8</sup>	0.917	0.782	—	1.052	0.045	BS-2000 <sup>17</sup>	0.922	0.782	—	1.062	0.047
		BS-380 <sup>9</sup>	0.929	0.788	—	1.069	0.047	BS-2800M <sup>18</sup>	0.908	0.773	—	1.044	0.045
		BS-120 <sup>1</sup>	47.5	40.3	—	54.7	2.4	BS-400 <sup>10</sup>	47.6	40.4	—	54.8	2.4
		BS-200 <sup>2</sup>	47.2	40.0	—	54.4	2.4	BS-430 <sup>11</sup>	48.5	41.3	—	55.7	2.4
		BS-200E <sup>3</sup>	44.6	38.0	—	51.2	2.2	BS-480 <sup>12</sup>	48.5	41.3	—	55.7	2.4
	U/L	BS-240 <sup>4</sup>	47.9	40.7	—	55.1	2.4	BS-600 <sup>13</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>14</sup>	48.1	40.9	—	55.3	2.4
		BS-300 <sup>6</sup>	47.6	40.4	—	54.8	2.4	BS-620M <sup>15</sup>	48.1	40.9	—	55.3	2.4
		BS-330E <sup>7</sup>	44.6	38.0	—	51.2	2.2	BS-800 <sup>16</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>17</sup>	48.9	41.7	—	56.1	2.4
AST	μkat/L	BS-380 <sup>9</sup>	47.6	40.4	—	54.8	2.4	BS-2800M <sup>18</sup>	48.1	40.9	—	55.3	2.4
		BS-120 <sup>1</sup>	0.793	0.673	—	0.913	0.040	BS-400 <sup>10</sup>	0.795	0.675	—	0.915	0.040
		BS-200 <sup>2</sup>	0.788	0.668	—	0.908	0.040	BS-430 <sup>11</sup>	0.810	0.690	—	0.930	0.040
		BS-200E <sup>3</sup>	0.745	0.635	—	0.855	0.037	BS-480 <sup>12</sup>	0.810	0.690	—	0.930	0.040
		BS-240 <sup>4</sup>	0.800	0.680	—	0.920	0.040	BS-600 <sup>13</sup>	0.810	0.690	—	0.930	0.040
	U/L	BS-240E <sup>5</sup>	0.810	0.690	—	0.930	0.040	BS-600M <sup>14</sup>	0.803	0.683	—	0.924	0.040
		BS-300 <sup>6</sup>	0.795	0.675	—	0.915	0.040	BS-620M <sup>15</sup>	0.803	0.683	—	0.924	0.040
		BS-330E <sup>7</sup>	0.745	0.635	—	0.855	0.037	BS-800 <sup>16</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>17</sup>	0.817	0.696	—	0.937	0.040
		BS-380 <sup>9</sup>	0.795	0.675	—	0.915	0.040	BS-2800M <sup>18</sup>	0.803	0.683	—	0.924	0.040
α-AMY	U/L	BS-120 <sup>1</sup>	86.6	73.7	—	99.5	4.3	BS-400 <sup>10</sup>	87.0	73.8	—	100.2	4.4
		BS-200 <sup>2</sup>	85.0	72.1	—	97.9	4.3	BS-430 <sup>11</sup>	86.6	73.7	—	99.5	4.3
		BS-200E <sup>3</sup>	84.1	71.5	—	96.7	4.2	BS-480 <sup>12</sup>	86.6	73.7	—	99.5	4.3
		BS-240 <sup>4</sup>	86.7	73.8	—	99.6	4.3	BS-600 <sup>13</sup>	86.6	73.7	—	99.5	4.3
		BS-240E <sup>5</sup>	85.4	72.5	—	98.3	4.3	BS-600M <sup>14</sup>	85.9	73.0	—	98.8	4.3
	μkat/L	BS-300 <sup>6</sup>	87.2	74.0	—	100.4	4.4	BS-620M <sup>15</sup>	85.9	73.0	—	98.8	4.3
		BS-330E <sup>7</sup>	84.1	71.5	—	96.7	4.2	BS-800 <sup>16</sup>	86.5	73.6	—	99.4	4.3
		BS-360E <sup>8</sup>	85.7	72.8	—	98.6	4.3	BS-2000 <sup>17</sup>	86.9	74.0	—	99.8	4.3
		BS-380 <sup>9</sup>	87.0	73.8	—	100.2	4.4	BS-2800M <sup>18</sup>	85.9	73.0	—	98.8	4.3
		BS-120 <sup>1</sup>	1.45	1.23	—	1.66	0.07	BS-400 <sup>10</sup>	1.45	1.23	—	1.67	0.07
Glu (HK)	mmol/L	BS-200 <sup>2</sup>	1.42	1.20	—	1.63	0.07	BS-430 <sup>11</sup>	1.45	1.23	—	1.66	0.07
		BS-200E <sup>3</sup>	1.40	1.19	—	1.61	0.07	BS-480 <sup>12</sup>	1.45	1.23	—	1.66	0.07
		BS-240 <sup>4</sup>	1.45	1.23	—	1.66	0.07	BS-600 <sup>13</sup>	1.45	1.23	—	1.66	0.07
		BS-240E <sup>5</sup>	1.43	1.21	—	1.64	0.07	BS-600M <sup>14</sup>	1.43	1.22	—	1.65	0.07
		BS-300 <sup>6</sup>	1.46	1.24	—	1.68	0.07	BS-620M <sup>15</sup>	1.43	1.22	—	1.65	0.07
	mg/dL	BS-330E <sup>7</sup>	1.40	1.19	—	1.61	0.07	BS-800 <sup>16</sup>	1.44	1.23	—	1.66	0.07
		BS-360E <sup>8</sup>	1.43	1.22	—	1.65	0.07	BS-2000 <sup>17</sup>	1.45	1.24	—	1.67	0.07
		BS-380 <sup>9</sup>	1.45	1.23	—	1.67	0.07	BS-2800M <sup>18</sup>	1.43	1.22	—	1.65	0.07
		BS-120 <sup>1</sup>	5.77	4.90	—	6.64	0.29	BS-400 <sup>10</sup>	5.81	4.94	—	6.68	0.29
		BS-200 <sup>2</sup>	5.72	4.85	—	6.59	0.29	BS-430 <sup>11</sup>	5.80	4.93	—	6.67	0.29
mmol/L	BS-200E <sup>3</sup>	5.76	4.89	—	6.63	0.29	BS-480 <sup>12</sup>	5.72	4.85	—	6.59	0.29	
	BS-240 <sup>4</sup>	5.78	4.91	—	6.65	0.29	BS-600 <sup>13</sup>	5.74	4.87	—	6.61	0.29	
	BS-240E <sup>5</sup>	5.77	4.90	—	6.64	0.29	BS-600M <sup>14</sup>	5.81	4.94	—	6.68	0.29	
	BS-300 <sup>6</sup>	5.80	4.93	—	6.67	0.29	BS-620M <sup>15</sup>	5.81	4.94	—	6.68	0.29	
	BS-330E <sup>7</sup>	5.76	4.89	—	6.63	0.29	BS-800 <sup>16</sup>	5.80	4.93	—	6.67	0.29	
	BS-360E <sup>8</sup>	5.74	4.87	—	6.61	0.29	BS-2000 <sup>17</sup>	5.70	4.83	—	6.57	0.29	
	BS-380 <sup>9</sup>	5.82	4.95	—	6.69	0.29	BS-2800M <sup>18</sup>	5.76	4.89	—	6.63	0.29	
mg/dL	BS-120 <sup>1</sup>	104	88	—	120	5	BS-400 <sup>10</sup>	105	89	—	120	5	

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
Glu (HK)	mg/dL	BS-200 <sup>2</sup>	103	87	—	119	5	BS-430 <sup>11</sup>	105	89	—	120	5
		BS-200E <sup>3</sup>	104	88	—	119	5	BS-480 <sup>12</sup>	103	87	—	119	5
		BS-240 <sup>4</sup>	104	88	—	120	5	BS-600 <sup>13</sup>	103	88	—	119	5
		BS-240E <sup>5</sup>	104	88	—	120	5	BS-600M <sup>14</sup>	105	89	—	120	5
		BS-300 <sup>6</sup>	105	89	—	120	5	BS-620M <sup>15</sup>	105	89	—	120	5
		BS-330E <sup>7</sup>	104	88	—	119	5	BS-800 <sup>16</sup>	105	89	—	120	5
		BS-360E <sup>8</sup>	103	88	—	119	5	BS-2000 <sup>17</sup>	103	87	—	118	5
		BS-380 <sup>9</sup>	105	89	—	121	5	BS-2800M <sup>18</sup>	104	88	—	119	5
ASO II	IU/mL	BS-200E <sup>3</sup>	116	74	—	158	14	BS-480 <sup>12</sup>	118	76	—	160	14
		BS-240 <sup>4</sup>	118	76	—	160	14	BS-600 <sup>13</sup>	118	76	—	160	14
		BS-240E <sup>5</sup>	118	76	—	160	14	BS-600M <sup>14</sup>	117	75	—	159	14
		BS-360E <sup>8</sup>	118	76	—	160	14	BS-620M <sup>15</sup>	117	75	—	159	14
		BS-380 <sup>9</sup>	116	74	—	158	14	BS-800 <sup>16</sup>	118	76	—	160	14
		BS-400 <sup>10</sup>	116	74	—	158	14	BS-2000 <sup>17</sup>	117	75	—	159	14
		BS-430 <sup>11</sup>	118	76	—	160	14	BS-2800M <sup>18</sup>	117	75	—	159	14
α-HBDH	U/L	BS-120 <sup>1</sup>	175	148	—	202	9	BS-400 <sup>10</sup>	174	147	—	201	9
		BS-200 <sup>2</sup>	172	145	—	199	9	BS-430 <sup>11</sup>	174	147	—	201	9
		BS-200E <sup>3</sup>	174	147	—	201	9	BS-480 <sup>12</sup>	174	147	—	201	9
		BS-240 <sup>4</sup>	174	147	—	201	9	BS-600 <sup>13</sup>	174	147	—	201	9
		BS-240E <sup>5</sup>	174	147	—	201	9	BS-600M <sup>14</sup>	175	148	—	202	9
		BS-300 <sup>6</sup>	174	147	—	201	9	BS-620M <sup>15</sup>	175	148	—	202	9
		BS-330E <sup>7</sup>	174	147	—	201	9	BS-800 <sup>16</sup>	174	147	—	201	9
		BS-360E <sup>8</sup>	174	147	—	201	9	BS-2000 <sup>17</sup>	175	148	—	202	9
α-HBDH	μkat/L	BS-380 <sup>9</sup>	174	147	—	201	9	BS-2800M <sup>18</sup>	175	148	—	202	9
		BS-120 <sup>1</sup>	2.92	2.47	—	3.37	0.15	BS-400 <sup>10</sup>	2.91	2.45	—	3.36	0.15
		BS-200 <sup>2</sup>	2.87	2.42	—	3.32	0.15	BS-430 <sup>11</sup>	2.91	2.45	—	3.36	0.15
		BS-200E <sup>3</sup>	2.91	2.45	—	3.36	0.15	BS-480 <sup>12</sup>	2.91	2.45	—	3.36	0.15
		BS-240 <sup>4</sup>	2.91	2.45	—	3.36	0.15	BS-600 <sup>13</sup>	2.91	2.45	—	3.36	0.15
		BS-240E <sup>5</sup>	2.91	2.45	—	3.36	0.15	BS-600M <sup>14</sup>	2.92	2.47	—	3.37	0.15
		BS-300 <sup>6</sup>	2.91	2.45	—	3.36	0.15	BS-620M <sup>15</sup>	2.92	2.47	—	3.37	0.15
		BS-330E <sup>7</sup>	2.91	2.45	—	3.36	0.15	BS-800 <sup>16</sup>	2.91	2.45	—	3.36	0.15
		BS-360E <sup>8</sup>	2.91	2.45	—	3.36	0.15	BS-2000 <sup>17</sup>	2.92	2.47	—	3.37	0.15
CK-MB	U/L	BS-380 <sup>9</sup>	2.91	2.45	—	3.36	0.15	BS-2800M <sup>18</sup>	2.92	2.47	—	3.37	0.15
		BS-120 <sup>1</sup>	43.5	33.6	—	53.4	3.3	BS-400 <sup>10</sup>	44.2	34.3	—	54.1	3.3
		BS-200 <sup>2</sup>	42.8	33.2	—	52.4	3.2	BS-430 <sup>11</sup>	43.1	33.5	—	52.7	3.2
		BS-200E <sup>3</sup>	42.9	33.3	—	52.5	3.2	BS-480 <sup>12</sup>	44.0	34.1	—	53.9	3.3
		BS-240 <sup>4</sup>	42.2	32.6	—	51.8	3.2	BS-600 <sup>13</sup>	45.1	34.9	—	55.3	3.4
		BS-240E <sup>5</sup>	44.5	34.6	—	54.4	3.3	BS-600M <sup>14</sup>	44.6	34.7	—	54.5	3.3
		BS-300 <sup>6</sup>	44.9	34.7	—	55.1	3.4	BS-620M <sup>15</sup>	44.6	34.7	—	54.5	3.3
		BS-330E <sup>7</sup>	42.9	33.3	—	52.5	3.2	BS-800 <sup>16</sup>	44.4	34.5	—	54.3	3.3
		BS-360E <sup>8</sup>	43.2	33.6	—	52.8	3.2	BS-2000 <sup>17</sup>	43.5	33.6	—	53.4	3.3
CK-MB	μkat/L	BS-380 <sup>9</sup>	45.0	34.8	—	55.2	3.4	BS-2800M <sup>18</sup>	44.5	34.6	—	54.4	3.3
		BS-120 <sup>1</sup>	0.726	0.561	—	0.892	0.055	BS-400 <sup>10</sup>	0.738	0.573	—	0.903	0.055
		BS-200 <sup>2</sup>	0.715	0.554	—	0.875	0.053	BS-430 <sup>11</sup>	0.720	0.559	—	0.880	0.053
		BS-200E <sup>3</sup>	0.716	0.556	—	0.877	0.053	BS-480 <sup>12</sup>	0.735	0.569	—	0.900	0.055
		BS-240 <sup>4</sup>	0.705	0.544	—	0.865	0.053	BS-600 <sup>13</sup>	0.753	0.583	—	0.924	0.057
		BS-240E <sup>5</sup>	0.743	0.578	—	0.908	0.055	BS-600M <sup>14</sup>	0.745	0.579	—	0.910	0.055
		BS-300 <sup>6</sup>	0.750	0.579	—	0.920	0.057	BS-620M <sup>15</sup>	0.745	0.579	—	0.910	0.055

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)			1 SD	Model	Assay Value	Range(Assay Value±3SD)			1 SD
CK-MB	μkat/L	BS-330E <sup>7</sup>	0.716	0.556	—	0.877	0.053	BS-800 <sup>16</sup>	0.741	0.576	—	0.907	0.055
		BS-360E <sup>8</sup>	0.721	0.561	—	0.882	0.053	BS-2000 <sup>17</sup>	0.726	0.561	—	0.892	0.055
		BS-380 <sup>9</sup>	0.752	0.581	—	0.922	0.057	BS-2800M <sup>18</sup>	0.743	0.578	—	0.908	0.055
CHE	U/L	BS-200 <sup>2</sup>	5901	4716	—	7086	395	BS-430 <sup>11</sup>	5954	4757	—	7151	399
		BS-200E <sup>3</sup>	5727	4575	—	6879	384	BS-480 <sup>12</sup>	5940	4746	—	7134	398
		BS-240 <sup>4</sup>	5934	4740	—	7128	398	BS-600 <sup>13</sup>	5954	4757	—	7151	399
		BS-240E <sup>5</sup>	5811	4644	—	6978	389	BS-600M <sup>14</sup>	5925	4734	—	7116	397
		BS-300 <sup>6</sup>	5936	4742	—	7130	398	BS-620M <sup>15</sup>	5925	4734	—	7116	397
		BS-330E <sup>7</sup>	5727	4575	—	6879	384	BS-800 <sup>16</sup>	5954	4757	—	7151	399
	μkat/L	BS-360E <sup>8</sup>	5828	4658	—	6998	390	BS-2000 <sup>17</sup>	5969	4769	—	7169	400
		BS-380 <sup>9</sup>	5939	4745	—	7133	398	BS-2800M <sup>18</sup>	5925	4734	—	7116	397
		BS-400 <sup>10</sup>	5939	4745	—	7133	398						
		BS-200 <sup>2</sup>	98.5	78.8	—	118.3	6.6	BS-430 <sup>11</sup>	99.4	79.4	—	119.4	6.7
		BS-200E <sup>3</sup>	95.6	76.4	—	114.9	6.4	BS-480 <sup>12</sup>	99.2	79.3	—	119.1	6.6
		BS-240 <sup>4</sup>	99.1	79.2	—	119.0	6.6	BS-600 <sup>13</sup>	99.4	79.4	—	119.4	6.7
		BS-240E <sup>5</sup>	97.0	77.6	—	116.5	6.5	BS-600M <sup>14</sup>	98.9	79.1	—	118.8	6.6
		BS-300 <sup>6</sup>	99.1	79.2	—	119.1	6.6	BS-620M <sup>15</sup>	98.9	79.1	—	118.8	6.6
		BS-330E <sup>7</sup>	95.6	76.4	—	114.9	6.4	BS-800 <sup>16</sup>	99.4	79.4	—	119.4	6.7
UA	μmol/L	BS-360E <sup>8</sup>	97.3	77.8	—	116.9	6.5	BS-2000 <sup>17</sup>	99.7	79.6	—	119.7	6.7
		BS-380 <sup>9</sup>	99.2	79.2	—	119.1	6.6	BS-2800M <sup>18</sup>	98.9	79.1	—	118.8	6.6
		BS-400 <sup>10</sup>	99.2	79.2	—	119.1	6.6						
		BS-120 <sup>1</sup>	314	272	—	356	14	BS-400 <sup>10</sup>	319	277	—	361	14
		BS-200 <sup>2</sup>	307	265	—	349	14	BS-430 <sup>11</sup>	318	276	—	360	14
		BS-200E <sup>3</sup>	319	277	—	361	14	BS-480 <sup>12</sup>	318	276	—	360	14
		BS-240 <sup>4</sup>	310	268	—	352	14	BS-600 <sup>13</sup>	318	276	—	360	14
		BS-240E <sup>5</sup>	318	276	—	360	14	BS-600M <sup>14</sup>	318	276	—	360	14
		BS-300 <sup>6</sup>	319	277	—	361	14	BS-620M <sup>15</sup>	318	276	—	360	14
	mg/dL	BS-330E <sup>7</sup>	319	277	—	361	14	BS-800 <sup>16</sup>	318	276	—	360	14
		BS-360E <sup>8</sup>	311	269	—	353	14	BS-2000 <sup>17</sup>	320	278	—	362	14
		BS-380 <sup>9</sup>	319	277	—	361	14	BS-2800M <sup>18</sup>	318	276	—	360	14
		BS-120 <sup>1</sup>	5.28	4.57	—	5.98	0.24	BS-400 <sup>10</sup>	5.36	4.66	—	6.07	0.24
		BS-200 <sup>2</sup>	5.16	4.45	—	5.87	0.24	BS-430 <sup>11</sup>	5.34	4.64	—	6.05	0.24
		BS-200E <sup>3</sup>	5.36	4.66	—	6.07	0.24	BS-480 <sup>12</sup>	5.34	4.64	—	6.05	0.24
CREA (SOX)	μmol/L	BS-240 <sup>4</sup>	5.21	4.50	—	5.92	0.24	BS-600 <sup>13</sup>	5.34	4.64	—	6.05	0.24
		BS-240E <sup>5</sup>	5.34	4.64	—	6.05	0.24	BS-600M <sup>14</sup>	5.34	4.64	—	6.05	0.24
		BS-300 <sup>6</sup>	5.36	4.66	—	6.07	0.24	BS-620M <sup>15</sup>	5.34	4.64	—	6.05	0.24
		BS-330E <sup>7</sup>	5.36	4.66	—	6.07	0.24	BS-800 <sup>16</sup>	5.34	4.64	—	6.05	0.24
		BS-360E <sup>8</sup>	5.23	4.52	—	5.93	0.24	BS-2000 <sup>17</sup>	5.38	4.67	—	6.08	0.24
		BS-380 <sup>9</sup>	5.36	4.66	—	6.07	0.24	BS-2800M <sup>18</sup>	5.34	4.64	—	6.05	0.24
		BS-120 <sup>1</sup>	91.9	78.1	—	105.7	4.6	BS-400 <sup>10</sup>	91.8	78.0	—	105.6	4.6
		BS-200 <sup>2</sup>	91.7	77.9	—	105.5	4.6	BS-430 <sup>11</sup>	93.4	79.3	—	107.5	4.7
		BS-200E <sup>3</sup>	89.5	76.0	—	103.0	4.5	BS-480 <sup>12</sup>	93.1	79.0	—	107.2	4.7
BS-240 <sup>4</sup>	91.6	77.8	—	105.4	4.6	BS-600 <sup>13</sup>	92.2	78.4	—	106.0	4.6		
BS-240E <sup>5</sup>	91.6	77.8	—	105.4	4.6	BS-600M <sup>14</sup>	92.4	78.6	—	106.2	4.6		
BS-300 <sup>6</sup>	91.9	78.1	—	105.7	4.6	BS-620M <sup>15</sup>	81.2	68.9	—	93.5	4.1		
BS-330E <sup>7</sup>	89.5	76.0	—	103.0	4.5	BS-800 <sup>16</sup>	82.0	69.7	—	94.3	4.1		
BS-360E <sup>8</sup>	91.7	77.9	—	105.5	4.6	BS-2000 <sup>17</sup>	80.8	68.8	—	92.8	4.0		
BS-380 <sup>9</sup>	91.8	78.0	—	105.6	4.6	BS-2800M <sup>18</sup>	81.2	68.9	—	93.5	4.1		

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>CREA (SOX)</b>	mg/dL	<b>BS-120<sup>1</sup></b>	1.04	0.88	—	1.20	0.05	<b>BS-400<sup>10</sup></b>	1.04	0.88	—	1.19	0.05
		<b>BS-200<sup>2</sup></b>	1.04	0.88	—	1.19	0.05	<b>BS-430<sup>11</sup></b>	1.06	0.90	—	1.22	0.05
		<b>BS-200E<sup>3</sup></b>	1.01	0.86	—	1.17	0.05	<b>BS-480<sup>12</sup></b>	1.05	0.89	—	1.21	0.05
		<b>BS-240<sup>4</sup></b>	1.04	0.88	—	1.19	0.05	<b>BS-600<sup>13</sup></b>	1.04	0.89	—	1.20	0.05
		<b>BS-240E<sup>5</sup></b>	1.04	0.88	—	1.19	0.05	<b>BS-600M<sup>14</sup></b>	1.05	0.89	—	1.20	0.05
		<b>BS-300<sup>6</sup></b>	1.04	0.88	—	1.20	0.05	<b>BS-620M<sup>15</sup></b>	0.919	0.779	—	1.058	0.046
		<b>BS-330E<sup>7</sup></b>	1.01	0.86	—	1.17	0.05	<b>BS-800<sup>16</sup></b>	0.928	0.788	—	1.067	0.046
		<b>BS-360E<sup>8</sup></b>	1.04	0.88	—	1.19	0.05	<b>BS-2000<sup>17</sup></b>	0.914	0.778	—	1.050	0.045
		<b>BS-380<sup>9</sup></b>	1.04	0.88	—	1.19	0.05	<b>BS-2800M<sup>18</sup></b>	0.919	0.779	—	1.058	0.046
<b>Bil-D (DSA) II</b>	μmol/L	<b>BS-120<sup>1</sup></b>	18.3	14.1	—	22.5	1.4	<b>BS-400<sup>10</sup></b>	18.2	14.0	—	22.4	1.4
		<b>BS-200<sup>2</sup></b>	18.2	14.0	—	22.4	1.4	<b>BS-430<sup>11</sup></b>	18.5	14.3	—	22.7	1.4
		<b>BS-200E<sup>3</sup></b>	18.3	14.1	—	22.5	1.4	<b>BS-480<sup>12</sup></b>	18.3	14.1	—	22.5	1.4
		<b>BS-240<sup>4</sup></b>	18.4	14.2	—	22.6	1.4	<b>BS-600<sup>13</sup></b>	18.3	14.1	—	22.5	1.4
		<b>BS-240E<sup>5</sup></b>	18.3	14.1	—	22.5	1.4	<b>BS-600M<sup>14</sup></b>	18.6	14.4	—	22.8	1.4
		<b>BS-300<sup>6</sup></b>	18.3	14.1	—	22.5	1.4	<b>BS-620M<sup>15</sup></b>	18.6	14.4	—	22.8	1.4
		<b>BS-330E<sup>7</sup></b>	18.3	14.1	—	22.5	1.4	<b>BS-800<sup>16</sup></b>	18.5	14.3	—	22.7	1.4
		<b>BS-360E<sup>8</sup></b>	18.6	14.4	—	22.8	1.4	<b>BS-2000<sup>17</sup></b>	18.4	14.2	—	22.6	1.4
		<b>BS-380<sup>9</sup></b>	18.3	14.1	—	22.5	1.4	<b>BS-2800M<sup>18</sup></b>	18.4	14.2	—	22.6	1.4
<b>LDH</b>	mg/dL	<b>BS-120<sup>1</sup></b>	1.07	0.82	—	1.32	0.08	<b>BS-400<sup>10</sup></b>	1.06	0.82	—	1.31	0.08
		<b>BS-200<sup>2</sup></b>	1.06	0.82	—	1.31	0.08	<b>BS-430<sup>11</sup></b>	1.08	0.84	—	1.33	0.08
		<b>BS-200E<sup>3</sup></b>	1.07	0.82	—	1.32	0.08	<b>BS-480<sup>12</sup></b>	1.07	0.82	—	1.32	0.08
		<b>BS-240<sup>4</sup></b>	1.08	0.83	—	1.32	0.08	<b>BS-600<sup>13</sup></b>	1.07	0.82	—	1.32	0.08
		<b>BS-240E<sup>5</sup></b>	1.07	0.82	—	1.32	0.08	<b>BS-600M<sup>14</sup></b>	1.09	0.84	—	1.33	0.08
		<b>BS-300<sup>6</sup></b>	1.07	0.82	—	1.32	0.08	<b>BS-620M<sup>15</sup></b>	1.09	0.84	—	1.33	0.08
		<b>BS-330E<sup>7</sup></b>	1.07	0.82	—	1.32	0.08	<b>BS-800<sup>16</sup></b>	1.08	0.84	—	1.33	0.08
		<b>BS-360E<sup>8</sup></b>	1.09	0.84	—	1.33	0.08	<b>BS-2000<sup>17</sup></b>	1.08	0.83	—	1.32	0.08
		<b>BS-380<sup>9</sup></b>	1.07	0.82	—	1.32	0.08	<b>BS-2800M<sup>18</sup></b>	1.08	0.83	—	1.32	0.08
<b>LDH</b>	U/L	<b>BS-120<sup>1</sup></b>	166	142	—	190	8	<b>BS-400<sup>10</sup></b>	167	143	—	191	8
		<b>BS-200<sup>2</sup></b>	169	145	—	193	8	<b>BS-430<sup>11</sup></b>	169	145	—	193	8
		<b>BS-200E<sup>3</sup></b>	165	141	—	189	8	<b>BS-480<sup>12</sup></b>	169	145	—	193	8
		<b>BS-240<sup>4</sup></b>	167	143	—	191	8	<b>BS-600<sup>13</sup></b>	169	145	—	193	8
		<b>BS-240E<sup>5</sup></b>	168	144	—	192	8	<b>BS-600M<sup>14</sup></b>	166	142	—	190	8
		<b>BS-300<sup>6</sup></b>	171	144	—	198	9	<b>BS-620M<sup>15</sup></b>	166	142	—	190	8
		<b>BS-330E<sup>7</sup></b>	165	141	—	189	8	<b>BS-800<sup>16</sup></b>	166	142	—	190	8
		<b>BS-360E<sup>8</sup></b>	166	142	—	190	8	<b>BS-2000<sup>17</sup></b>	167	143	—	191	8
		<b>BS-380<sup>9</sup></b>	166	142	—	190	8	<b>BS-2800M<sup>18</sup></b>	165	141	—	189	8
<b>LDH</b>	μkat/L	<b>BS-120<sup>1</sup></b>	2.77	2.37	—	3.17	0.13	<b>BS-400<sup>10</sup></b>	2.79	2.39	—	3.19	0.13
		<b>BS-200<sup>2</sup></b>	2.82	2.42	—	3.22	0.13	<b>BS-430<sup>11</sup></b>	2.82	2.42	—	3.22	0.13
		<b>BS-200E<sup>3</sup></b>	2.76	2.35	—	3.16	0.13	<b>BS-480<sup>12</sup></b>	2.82	2.42	—	3.22	0.13
		<b>BS-240<sup>4</sup></b>	2.79	2.39	—	3.19	0.13	<b>BS-600<sup>13</sup></b>	2.82	2.42	—	3.22	0.13
		<b>BS-240E<sup>5</sup></b>	2.81	2.40	—	3.21	0.13	<b>BS-600M<sup>14</sup></b>	2.77	2.37	—	3.17	0.13
		<b>BS-300<sup>6</sup></b>	2.86	2.40	—	3.31	0.15	<b>BS-620M<sup>15</sup></b>	2.77	2.37	—	3.17	0.13
		<b>BS-330E<sup>7</sup></b>	2.76	2.35	—	3.16	0.13	<b>BS-800<sup>16</sup></b>	2.77	2.37	—	3.17	0.13
		<b>BS-360E<sup>8</sup></b>	2.77	2.37	—	3.17	0.13	<b>BS-2000<sup>17</sup></b>	2.79	2.39	—	3.19	0.13
		<b>BS-380<sup>9</sup></b>	2.77	2.37	—	3.17	0.13	<b>BS-2800M<sup>18</sup></b>	2.76	2.35	—	3.16	0.13
<b>Glu (GOD)</b>	mmol/L	<b>BS-120<sup>1</sup></b>	5.77	4.90	—	6.64	0.29	<b>BS-400<sup>10</sup></b>	5.75	4.88	—	6.62	0.29
		<b>BS-200<sup>2</sup></b>	5.84	4.97	—	6.71	0.29	<b>BS-430<sup>11</sup></b>	5.77	4.90	—	6.64	0.29
		<b>BS-200E<sup>3</sup></b>	5.74	4.87	—	6.61	0.29	<b>BS-480<sup>12</sup></b>	5.69	4.85	—	6.53	0.28



Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>Glu (GOD)</b>	mmol/L	BS-240 <sup>4</sup>	5.81	4.94	—	6.68	0.29	BS-600 <sup>13</sup>	5.74	4.87	—	6.61	0.29
		BS-240E <sup>5</sup>	5.58	4.74	—	6.42	0.28	BS-600M <sup>14</sup>	5.66	4.82	—	6.50	0.28
		BS-300 <sup>6</sup>	5.90	5.00	—	6.80	0.30	BS-620M <sup>15</sup>	5.66	4.82	—	6.50	0.28
		BS-330E <sup>7</sup>	5.74	4.87	—	6.61	0.29	BS-800 <sup>16</sup>	5.77	4.90	—	6.64	0.29
		BS-360E <sup>8</sup>	5.66	4.82	—	6.50	0.28	BS-2000 <sup>17</sup>	5.70	4.83	—	6.57	0.29
		BS-380 <sup>9</sup>	5.72	4.85	—	6.59	0.29	BS-2800M <sup>18</sup>	5.66	4.82	—	6.50	0.28
		BS-120 <sup>1</sup>	104	88	—	120	5	BS-400 <sup>10</sup>	104	88	—	119	5
		BS-200 <sup>2</sup>	105	90	—	121	5	BS-430 <sup>11</sup>	104	88	—	120	5
		BS-200E <sup>3</sup>	103	88	—	119	5	BS-480 <sup>12</sup>	103	87	—	118	5
	mg/dL	BS-240 <sup>4</sup>	105	89	—	120	5	BS-600 <sup>13</sup>	103	88	—	119	5
		BS-240E <sup>5</sup>	101	85	—	116	5	BS-600M <sup>14</sup>	102	87	—	117	5
		BS-300 <sup>6</sup>	106	90	—	123	5	BS-620M <sup>15</sup>	102	87	—	117	5
		BS-330E <sup>7</sup>	103	88	—	119	5	BS-800 <sup>16</sup>	104	88	—	120	5
		BS-360E <sup>8</sup>	102	87	—	117	5	BS-2000 <sup>17</sup>	103	87	—	118	5
		BS-380 <sup>9</sup>	103	87	—	119	5	BS-2800M <sup>18</sup>	102	87	—	117	5
		BS-120 <sup>1</sup>	0.546	0.423	—	0.669	0.041	BS-400 <sup>10</sup>	0.545	0.422	—	0.668	0.041
		BS-200 <sup>2</sup>	0.558	0.432	—	0.684	0.042	BS-430 <sup>11</sup>	0.548	0.425	—	0.671	0.041
		BS-200E <sup>3</sup>	0.552	0.429	—	0.675	0.041	BS-480 <sup>12</sup>	0.558	0.432	—	0.684	0.042
g/L	BS-240 <sup>4</sup>	0.543	0.420	—	0.666	0.041	BS-600 <sup>13</sup>	0.533	0.413	—	0.653	0.040	
	BS-240E <sup>5</sup>	0.568	0.439	—	0.697	0.043	BS-600M <sup>14</sup>	0.565	0.439	—	0.691	0.042	
	BS-300 <sup>6</sup>	0.539	0.419	—	0.659	0.040	BS-620M <sup>15</sup>	0.565	0.439	—	0.691	0.042	
	BS-330E <sup>7</sup>	0.552	0.429	—	0.675	0.041	BS-800 <sup>16</sup>	0.531	0.411	—	0.651	0.040	
	BS-360E <sup>8</sup>	0.567	0.438	—	0.696	0.043	BS-2000 <sup>17</sup>	0.544	0.421	—	0.667	0.041	
	BS-380 <sup>9</sup>	0.566	0.440	—	0.692	0.042	BS-2800M <sup>18</sup>	0.534	0.414	—	0.654	0.040	
	BS-120 <sup>1</sup>	1.06	0.82	—	1.30	0.08	BS-400 <sup>10</sup>	1.06	0.82	—	1.30	0.08	
	BS-200 <sup>2</sup>	1.09	0.84	—	1.33	0.08	BS-430 <sup>11</sup>	1.07	0.83	—	1.31	0.08	
	BS-200E <sup>3</sup>	1.08	0.84	—	1.32	0.08	BS-480 <sup>12</sup>	1.09	0.84	—	1.33	0.08	
μmol/L	BS-240 <sup>4</sup>	1.06	0.82	—	1.30	0.08	BS-600 <sup>13</sup>	1.04	0.81	—	1.27	0.08	
	BS-240E <sup>5</sup>	1.11	0.86	—	1.36	0.08	BS-600M <sup>14</sup>	1.10	0.86	—	1.35	0.08	
	BS-300 <sup>6</sup>	1.05	0.82	—	1.29	0.08	BS-620M <sup>15</sup>	1.10	0.86	—	1.35	0.08	
	BS-330E <sup>7</sup>	1.08	0.84	—	1.32	0.08	BS-800 <sup>16</sup>	1.04	0.80	—	1.27	0.08	
	BS-360E <sup>8</sup>	1.11	0.85	—	1.36	0.08	BS-2000 <sup>17</sup>	1.06	0.82	—	1.30	0.08	
	BS-380 <sup>9</sup>	1.10	0.86	—	1.35	0.08	BS-2800M <sup>18</sup>	1.04	0.81	—	1.28	0.08	
	BS-120 <sup>1</sup>	1.32	1.02	—	1.62	0.10	BS-400 <sup>10</sup>	1.30	1.00	—	1.60	0.10	
	BS-200 <sup>2</sup>	1.32	1.02	—	1.62	0.10	BS-430 <sup>11</sup>	1.25	0.98	—	1.52	0.09	
	BS-200E <sup>3</sup>	1.31	1.01	—	1.61	0.10	BS-480 <sup>12</sup>	1.25	0.98	—	1.52	0.09	
g/L	BS-240 <sup>4</sup>	1.25	0.98	—	1.52	0.09	BS-600 <sup>13</sup>	1.27	0.97	—	1.57	0.10	
	BS-240E <sup>5</sup>	1.26	0.99	—	1.53	0.09	BS-600M <sup>14</sup>	1.22	0.95	—	1.49	0.09	
	BS-300 <sup>6</sup>	1.30	1.00	—	1.60	0.10	BS-620M <sup>15</sup>	1.22	0.95	—	1.49	0.09	
	BS-330E <sup>7</sup>	1.31	1.01	—	1.61	0.10	BS-800 <sup>16</sup>	1.21	0.94	—	1.48	0.09	
	BS-360E <sup>8</sup>	1.26	0.99	—	1.53	0.09	BS-2000 <sup>17</sup>	1.25	0.98	—	1.52	0.09	
	BS-380 <sup>9</sup>	1.25	0.98	—	1.52	0.09	BS-2800M <sup>18</sup>	1.22	0.95	—	1.49	0.09	
	BS-120 <sup>1</sup>	47.1	36.4	—	57.8	3.6	BS-400 <sup>10</sup>	46.4	35.7	—	57.1	3.6	
	BS-200 <sup>2</sup>	47.1	36.4	—	57.8	3.6	BS-430 <sup>11</sup>	44.6	35.0	—	54.3	3.2	
	BS-200E <sup>3</sup>	46.8	36.1	—	57.5	3.6	BS-480 <sup>12</sup>	44.6	35.0	—	54.3	3.2	
μmol/L	BS-240 <sup>4</sup>	44.6	35.0	—	54.3	3.2	BS-600 <sup>13</sup>	45.3	34.6	—	56.0	3.6	
	BS-240E <sup>5</sup>	45.0	35.3	—	54.6	3.2	BS-600M <sup>14</sup>	43.6	33.9	—	53.2	3.2	
	BS-300 <sup>6</sup>	46.4	35.7	—	57.1	3.6	BS-620M <sup>15</sup>	43.6	33.9	—	53.2	3.2	

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
ApoA1	μmol/L	BS-330E <sup>7</sup>	46.8	36.1	—	57.5	3.6	BS-800 <sup>16</sup>	43.2	33.6	—	52.8	3.2
		BS-360E <sup>8</sup>	45.0	35.3	—	54.6	3.2	BS-2000 <sup>17</sup>	44.6	35.0	—	54.3	3.2
		BS-380 <sup>9</sup>	44.6	35.0	—	54.3	3.2	BS-2800M <sup>18</sup>	43.6	33.9	—	53.2	3.2
HDL-C	mmol/L	BS-120 <sup>1</sup>	0.865	0.670	—	1.060	0.065	BS-400 <sup>10</sup>	0.860	0.665	—	1.055	0.065
		BS-200 <sup>2</sup>	0.815	0.632	—	0.998	0.061	BS-430 <sup>11</sup>	0.835	0.646	—	1.024	0.063
		BS-200E <sup>3</sup>	0.834	0.645	—	1.023	0.063	BS-480 <sup>12</sup>	0.846	0.657	—	1.035	0.063
	mg/dL	BS-240 <sup>4</sup>	0.849	0.657	—	1.041	0.064	BS-600 <sup>13</sup>	0.843	0.654	—	1.032	0.063
		BS-240E <sup>5</sup>	0.811	0.628	—	0.994	0.061	BS-600M <sup>14</sup>	0.860	0.665	—	1.055	0.065
		BS-300 <sup>6</sup>	0.852	0.660	—	1.044	0.064	BS-620M <sup>15</sup>	0.860	0.665	—	1.055	0.065
		BS-330E <sup>7</sup>	0.834	0.645	—	1.023	0.063	BS-800 <sup>16</sup>	0.861	0.666	—	1.056	0.065
		BS-360E <sup>8</sup>	0.823	0.637	—	1.009	0.062	BS-2000 <sup>17</sup>	0.850	0.658	—	1.042	0.064
		BS-380 <sup>9</sup>	0.855	0.663	—	1.047	0.064	BS-2800M <sup>18</sup>	0.858	0.666	—	1.050	0.064
LDL-C	mmol/L	BS-120 <sup>1</sup>	33.4	25.9	—	41.0	2.5	BS-400 <sup>10</sup>	33.2	25.7	—	40.8	2.5
		BS-200 <sup>2</sup>	31.5	24.4	—	38.6	2.4	BS-430 <sup>11</sup>	32.3	25.0	—	39.6	2.4
		BS-200E <sup>3</sup>	32.2	24.9	—	39.5	2.4	BS-480 <sup>12</sup>	32.7	25.4	—	40.0	2.4
	mg/dL	BS-240 <sup>4</sup>	32.8	25.4	—	40.2	2.5	BS-600 <sup>13</sup>	32.6	25.3	—	39.9	2.4
		BS-240E <sup>5</sup>	31.4	24.3	—	38.4	2.4	BS-600M <sup>14</sup>	33.2	25.7	—	40.8	2.5
		BS-300 <sup>6</sup>	32.9	25.5	—	40.4	2.5	BS-620M <sup>15</sup>	33.2	25.7	—	40.8	2.5
		BS-330E <sup>7</sup>	32.2	24.9	—	39.5	2.4	BS-800 <sup>16</sup>	33.3	25.7	—	40.8	2.5
		BS-360E <sup>8</sup>	31.8	24.6	—	39.0	2.4	BS-2000 <sup>17</sup>	32.9	25.4	—	40.3	2.5
		BS-380 <sup>9</sup>	33.1	25.6	—	40.5	2.5	BS-2800M <sup>18</sup>	33.2	25.7	—	40.6	2.5
CK	U/L	BS-120 <sup>1</sup>	1.66	1.30	—	2.02	0.12	BS-400 <sup>10</sup>	1.66	1.30	—	2.02	0.12
		BS-200 <sup>2</sup>	1.62	1.26	—	1.98	0.12	BS-430 <sup>11</sup>	1.72	1.33	—	2.11	0.13
		BS-200E <sup>3</sup>	1.67	1.28	—	2.06	0.13	BS-480 <sup>12</sup>	1.72	1.33	—	2.11	0.13
		BS-240 <sup>4</sup>	1.62	1.26	—	1.98	0.12	BS-600 <sup>13</sup>	1.69	1.30	—	2.08	0.13
		BS-240E <sup>5</sup>	1.66	1.30	—	2.02	0.12	BS-600M <sup>14</sup>	1.70	1.31	—	2.09	0.13
		BS-300 <sup>6</sup>	1.67	1.28	—	2.06	0.13	BS-620M <sup>15</sup>	1.70	1.31	—	2.09	0.13
		BS-330E <sup>7</sup>	1.67	1.28	—	2.06	0.13	BS-800 <sup>16</sup>	1.72	1.33	—	2.11	0.13
		BS-360E <sup>8</sup>	1.70	1.31	—	2.09	0.13	BS-2000 <sup>17</sup>	1.69	1.30	—	2.08	0.13
		BS-380 <sup>9</sup>	1.66	1.30	—	2.02	0.12	BS-2800M <sup>18</sup>	1.70	1.31	—	2.09	0.13
CK	U/L	BS-120 <sup>1</sup>	64.2	50.3	—	78.1	4.6	BS-400 <sup>10</sup>	64.2	50.3	—	78.1	4.6
		BS-200 <sup>2</sup>	62.6	48.7	—	76.5	4.6	BS-430 <sup>11</sup>	66.5	51.4	—	81.6	5.0
		BS-200E <sup>3</sup>	64.6	49.5	—	79.6	5.0	BS-480 <sup>12</sup>	66.5	51.4	—	81.6	5.0
		BS-240 <sup>4</sup>	62.6	48.7	—	76.5	4.6	BS-600 <sup>13</sup>	65.3	50.3	—	80.4	5.0
		BS-240E <sup>5</sup>	64.2	50.3	—	78.1	4.6	BS-600M <sup>14</sup>	65.7	50.6	—	80.8	5.0
		BS-300 <sup>6</sup>	64.6	49.5	—	79.6	5.0	BS-620M <sup>15</sup>	65.7	50.6	—	80.8	5.0
		BS-330E <sup>7</sup>	64.6	49.5	—	79.6	5.0	BS-800 <sup>16</sup>	66.5	51.4	—	81.6	5.0
		BS-360E <sup>8</sup>	65.7	50.6	—	80.8	5.0	BS-2000 <sup>17</sup>	65.3	50.3	—	80.4	5.0
		BS-380 <sup>9</sup>	64.2	50.3	—	78.1	4.6	BS-2800M <sup>18</sup>	65.7	50.6	—	80.8	5.0
CK	U/L	BS-120 <sup>1</sup>	142	121	—	163	7	BS-400 <sup>10</sup>	140	119	—	161	7
		BS-200 <sup>2</sup>	141	120	—	162	7	BS-430 <sup>11</sup>	142	121	—	163	7
		BS-200E <sup>3</sup>	140	119	—	161	7	BS-480 <sup>12</sup>	140	119	—	161	7
		BS-240 <sup>4</sup>	145	124	—	166	7	BS-600 <sup>13</sup>	143	122	—	164	7
		BS-240E <sup>5</sup>	142	121	—	163	7	BS-600M <sup>14</sup>	140	119	—	161	7
		BS-300 <sup>6</sup>	140	119	—	161	7	BS-620M <sup>15</sup>	140	119	—	161	7
		BS-330E <sup>7</sup>	140	119	—	161	7	BS-800 <sup>16</sup>	142	121	—	163	7
		BS-360E <sup>8</sup>	142	121	—	163	7	BS-2000 <sup>17</sup>	140	119	—	161	7
		BS-380 <sup>9</sup>	140	119	—	161	7	BS-2800M <sup>18</sup>	140	119	—	161	7



Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
CK	μkat/L	BS-120 <sup>1</sup>	2.37	2.02	—	2.72	0.12	BS-400 <sup>10</sup>	2.34	1.99	—	2.69	0.12
		BS-200 <sup>2</sup>	2.35	2.00	—	2.71	0.12	BS-430 <sup>11</sup>	2.37	2.02	—	2.72	0.12
		BS-200E <sup>3</sup>	2.34	1.99	—	2.69	0.12	BS-480 <sup>12</sup>	2.34	1.99	—	2.69	0.12
		BS-240 <sup>4</sup>	2.42	2.07	—	2.77	0.12	BS-600 <sup>13</sup>	2.39	2.04	—	2.74	0.12
		BS-240E <sup>5</sup>	2.37	2.02	—	2.72	0.12	BS-600M <sup>14</sup>	2.34	1.99	—	2.69	0.12
		BS-300 <sup>6</sup>	2.34	1.99	—	2.69	0.12	BS-620M <sup>15</sup>	2.34	1.99	—	2.69	0.12
		BS-330E <sup>7</sup>	2.34	1.99	—	2.69	0.12	BS-800 <sup>16</sup>	2.37	2.02	—	2.72	0.12
		BS-360E <sup>8</sup>	2.37	2.02	—	2.72	0.12	BS-2000 <sup>17</sup>	2.34	1.99	—	2.69	0.12
		BS-380 <sup>9</sup>	2.34	1.99	—	2.69	0.12	BS-2800M <sup>18</sup>	2.34	1.99	—	2.69	0.12
Bil-D (VOX)	μmol/L	BS-120 <sup>1</sup>	11.3	8.9	—	13.7	0.8	BS-400 <sup>10</sup>	11.2	8.8	—	13.6	0.8
		BS-200 <sup>2</sup>	11.3	8.9	—	13.7	0.8	BS-430 <sup>11</sup>	11.2	8.8	—	13.6	0.8
		BS-200E <sup>3</sup>	11.5	8.8	—	14.2	0.9	BS-480 <sup>12</sup>	11.2	8.8	—	13.6	0.8
		BS-240 <sup>4</sup>	11.3	8.9	—	13.7	0.8	BS-600 <sup>13</sup>	11.2	8.8	—	13.6	0.8
		BS-240E <sup>5</sup>	11.2	8.8	—	13.6	0.8	BS-600M <sup>14</sup>	11.5	8.8	—	14.2	0.9
		BS-300 <sup>6</sup>	11.2	8.8	—	13.6	0.8	BS-620M <sup>15</sup>	11.5	8.8	—	14.2	0.9
		BS-330E <sup>7</sup>	11.5	8.8	—	14.2	0.9	BS-800 <sup>16</sup>	11.2	8.8	—	13.6	0.8
		BS-360E <sup>8</sup>	11.2	8.8	—	13.6	0.8	BS-2000 <sup>17</sup>	11.2	8.8	—	13.6	0.8
		BS-380 <sup>9</sup>	11.2	8.8	—	13.6	0.8	BS-2800M <sup>18</sup>	11.5	8.8	—	14.2	0.9
	mg/dL	BS-120 <sup>1</sup>	0.661	0.520	—	0.801	0.047	BS-400 <sup>10</sup>	0.655	0.515	—	0.795	0.047
		BS-200 <sup>2</sup>	0.661	0.520	—	0.801	0.047	BS-430 <sup>11</sup>	0.655	0.515	—	0.795	0.047
		BS-200E <sup>3</sup>	0.673	0.515	—	0.830	0.053	BS-480 <sup>12</sup>	0.655	0.515	—	0.795	0.047
		BS-240 <sup>4</sup>	0.661	0.520	—	0.801	0.047	BS-600 <sup>13</sup>	0.655	0.515	—	0.795	0.047
		BS-240E <sup>5</sup>	0.655	0.515	—	0.795	0.047	BS-600M <sup>14</sup>	0.673	0.515	—	0.830	0.053
		BS-300 <sup>6</sup>	0.655	0.515	—	0.795	0.047	BS-620M <sup>15</sup>	0.673	0.515	—	0.830	0.053
		BS-330E <sup>7</sup>	0.673	0.515	—	0.830	0.053	BS-800 <sup>16</sup>	0.655	0.515	—	0.795	0.047
		BS-360E <sup>8</sup>	0.655	0.515	—	0.795	0.047	BS-2000 <sup>17</sup>	0.655	0.515	—	0.795	0.047
		BS-380 <sup>9</sup>	0.655	0.515	—	0.795	0.047	BS-2800M <sup>18</sup>	0.673	0.515	—	0.830	0.053
LIP	U/L	BS-120 <sup>1</sup>	47.9	38.3	—	57.5	3.2	BS-400 <sup>10</sup>	45.4	36.4	—	54.4	3.0
		BS-200 <sup>2</sup>	43.2	34.5	—	51.9	2.9	BS-430 <sup>11</sup>	46.1	36.8	—	55.4	3.1
		BS-200E <sup>3</sup>	45.7	36.4	—	55.0	3.1	BS-480 <sup>12</sup>	45.1	36.1	—	54.1	3.0
		BS-240 <sup>4</sup>	46.7	37.4	—	56.0	3.1	BS-600 <sup>13</sup>	45.0	36.0	—	54.0	3.0
		BS-240E <sup>5</sup>	45.3	36.3	—	54.3	3.0	BS-600M <sup>14</sup>	45.6	36.3	—	54.9	3.1
		BS-300 <sup>6</sup>	44.5	35.5	—	53.5	3.0	BS-620M <sup>15</sup>	45.6	36.3	—	54.9	3.1
		BS-330E <sup>7</sup>	45.7	36.4	—	55.0	3.1	BS-800 <sup>16</sup>	45.0	36.0	—	54.0	3.0
		BS-360E <sup>8</sup>	44.9	35.9	—	53.9	3.0	BS-2000 <sup>17</sup>	45.2	36.2	—	54.2	3.0
		BS-380 <sup>9</sup>	45.4	36.4	—	54.4	3.0	BS-2800M <sup>18</sup>	45.2	36.2	—	54.2	3.0
	μkat/L	BS-120 <sup>1</sup>	0.800	0.640	—	0.960	0.053	BS-400 <sup>10</sup>	0.758	0.608	—	0.908	0.050
		BS-200 <sup>2</sup>	0.721	0.576	—	0.867	0.048	BS-430 <sup>11</sup>	0.770	0.615	—	0.925	0.052
		BS-200E <sup>3</sup>	0.763	0.608	—	0.919	0.052	BS-480 <sup>12</sup>	0.753	0.603	—	0.903	0.050
		BS-240 <sup>4</sup>	0.780	0.625	—	0.935	0.052	BS-600 <sup>13</sup>	0.752	0.601	—	0.902	0.050
		BS-240E <sup>5</sup>	0.757	0.606	—	0.907	0.050	BS-600M <sup>14</sup>	0.762	0.606	—	0.917	0.052
		BS-300 <sup>6</sup>	0.743	0.593	—	0.893	0.050	BS-620M <sup>15</sup>	0.762	0.606	—	0.917	0.052
		BS-330E <sup>7</sup>	0.763	0.608	—	0.919	0.052	BS-800 <sup>16</sup>	0.752	0.601	—	0.902	0.050
		BS-360E <sup>8</sup>	0.750	0.600	—	0.900	0.050	BS-2000 <sup>17</sup>	0.755	0.605	—	0.905	0.050
		BS-380 <sup>9</sup>	0.758	0.608	—	0.908	0.050	BS-2800M <sup>18</sup>	0.755	0.605	—	0.905	0.050
Mg II	mmol/L	BS-120 <sup>1</sup>	0.862	0.760	—	0.964	0.034	BS-400 <sup>10</sup>	0.863	0.758	—	0.968	0.035
		BS-200 <sup>2</sup>	0.889	0.781	—	0.997	0.036	BS-430 <sup>11</sup>	0.848	0.746	—	0.950	0.034
		BS-200E <sup>3</sup>	0.877	0.772	—	0.982	0.035	BS-480 <sup>12</sup>	0.860	0.758	—	0.962	0.034

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>Mg II</b>	mmol/L	BS-240 <sup>4</sup>	0.869	0.764	—	0.974	0.035	BS-600 <sup>13</sup>	0.861	0.759	—	0.963	0.034
		BS-240E <sup>5</sup>	0.853	0.751	—	0.955	0.034	BS-600M <sup>14</sup>	0.859	0.757	—	0.961	0.034
		BS-300 <sup>6</sup>	0.863	0.758	—	0.968	0.035	BS-620M <sup>15</sup>	0.859	0.757	—	0.961	0.034
		BS-330E <sup>7</sup>	0.877	0.772	—	0.982	0.035	BS-800 <sup>16</sup>	0.848	0.746	—	0.950	0.034
		BS-360E <sup>8</sup>	0.827	0.728	—	0.926	0.033	BS-2000 <sup>17</sup>	0.859	0.757	—	0.961	0.034
		BS-380 <sup>9</sup>	0.863	0.758	—	0.968	0.035	BS-2800M <sup>18</sup>	0.857	0.755	—	0.959	0.034
		BS-120 <sup>1</sup>	2.09	1.85	—	2.34	0.08	BS-400 <sup>10</sup>	2.10	1.84	—	2.35	0.09
		BS-200 <sup>2</sup>	2.16	1.90	—	2.42	0.09	BS-430 <sup>11</sup>	2.06	1.81	—	2.31	0.08
		BS-200E <sup>3</sup>	2.13	1.88	—	2.39	0.09	BS-480 <sup>12</sup>	2.09	1.84	—	2.34	0.08
	mg/dL	BS-240 <sup>4</sup>	2.11	1.86	—	2.37	0.09	BS-600 <sup>13</sup>	2.09	1.84	—	2.34	0.08
		BS-240E <sup>5</sup>	2.07	1.82	—	2.32	0.08	BS-600M <sup>14</sup>	2.09	1.84	—	2.34	0.08
		BS-300 <sup>6</sup>	2.10	1.84	—	2.35	0.09	BS-620M <sup>15</sup>	2.09	1.84	—	2.34	0.08
		BS-330E <sup>7</sup>	2.13	1.88	—	2.39	0.09	BS-800 <sup>16</sup>	2.06	1.81	—	2.31	0.08
		BS-360E <sup>8</sup>	2.01	1.77	—	2.25	0.08	BS-2000 <sup>17</sup>	2.09	1.84	—	2.34	0.08
		BS-380 <sup>9</sup>	2.10	1.84	—	2.35	0.09	BS-2800M <sup>18</sup>	2.08	1.83	—	2.33	0.08
		BS-120 <sup>1</sup>	161	125	—	197	12	BS-400 <sup>10</sup>	166	130	—	202	12
		BS-200 <sup>2</sup>	160	124	—	196	12	BS-430 <sup>11</sup>	168	129	—	207	13
		BS-200E <sup>3</sup>	163	127	—	199	12	BS-480 <sup>12</sup>	166	130	—	202	12
<b>PA</b>	mg/L	BS-240 <sup>4</sup>	159	123	—	195	12	BS-600 <sup>13</sup>	166	130	—	202	12
		BS-240E <sup>5</sup>	166	130	—	202	12	BS-600M <sup>14</sup>	162	126	—	198	12
		BS-300 <sup>6</sup>	166	130	—	202	12	BS-620M <sup>15</sup>	162	126	—	198	12
		BS-330E <sup>7</sup>	163	127	—	199	12	BS-800 <sup>16</sup>	166	130	—	202	12
		BS-360E <sup>8</sup>	166	130	—	202	12	BS-2000 <sup>17</sup>	168	129	—	207	13
		BS-380 <sup>9</sup>	167	128	—	206	13	BS-2800M <sup>18</sup>	172	133	—	211	13
		BS-120 <sup>1</sup>	2.93	2.28	—	3.59	0.22	BS-400 <sup>10</sup>	3.02	2.37	—	3.68	0.22
		BS-200 <sup>2</sup>	2.91	2.26	—	3.57	0.22	BS-430 <sup>11</sup>	3.06	2.35	—	3.77	0.24
		BS-200E <sup>3</sup>	2.97	2.31	—	3.62	0.22	BS-480 <sup>12</sup>	3.02	2.37	—	3.68	0.22
<b>Bil-T (DSA) II</b>	μmol/L	BS-240 <sup>4</sup>	2.89	2.24	—	3.55	0.22	BS-600 <sup>13</sup>	3.02	2.37	—	3.68	0.22
		BS-240E <sup>5</sup>	3.02	2.37	—	3.68	0.22	BS-600M <sup>14</sup>	2.95	2.29	—	3.60	0.22
		BS-300 <sup>6</sup>	3.02	2.37	—	3.68	0.22	BS-620M <sup>15</sup>	2.95	2.29	—	3.60	0.22
		BS-330E <sup>7</sup>	2.97	2.31	—	3.62	0.22	BS-800 <sup>16</sup>	3.02	2.37	—	3.68	0.22
		BS-360E <sup>8</sup>	3.02	2.37	—	3.68	0.22	BS-2000 <sup>17</sup>	3.06	2.35	—	3.77	0.24
		BS-380 <sup>9</sup>	3.04	2.33	—	3.75	0.24	BS-2800M <sup>18</sup>	3.13	2.42	—	3.84	0.24
		BS-120 <sup>1</sup>	19.7	15.2	—	24.2	1.5	BS-400 <sup>10</sup>	19.6	15.1	—	24.1	1.5
		BS-200 <sup>2</sup>	19.6	15.1	—	24.1	1.5	BS-430 <sup>11</sup>	20.4	15.9	—	24.9	1.5
		BS-200E <sup>3</sup>	19.6	15.1	—	24.1	1.5	BS-480 <sup>12</sup>	19.6	15.1	—	24.1	1.5
mg/dL	BS-240 <sup>4</sup>	18.9	14.7	—	23.1	1.4	BS-600 <sup>13</sup>	20.4	15.9	—	24.9	1.5	
	BS-240E <sup>5</sup>	19.2	15.0	—	23.4	1.4	BS-600M <sup>14</sup>	20.2	15.7	—	24.7	1.5	
	BS-300 <sup>6</sup>	19.6	15.1	—	24.1	1.5	BS-620M <sup>15</sup>	20.2	15.7	—	24.7	1.5	
	BS-330E <sup>7</sup>	19.6	15.1	—	24.1	1.5	BS-800 <sup>16</sup>	20.4	15.9	—	24.9	1.5	
	BS-360E <sup>8</sup>	20.4	15.9	—	24.9	1.5	BS-2000 <sup>17</sup>	20.4	15.9	—	24.9	1.5	
	BS-380 <sup>9</sup>	19.6	15.1	—	24.1	1.5	BS-2800M <sup>18</sup>	20.2	15.7	—	24.7	1.5	
	BS-120 <sup>1</sup>	1.15	0.89	—	1.42	0.09	BS-400 <sup>10</sup>	1.15	0.88	—	1.41	0.09	
	BS-200 <sup>2</sup>	1.15	0.88	—	1.41	0.09	BS-430 <sup>11</sup>	1.19	0.93	—	1.46	0.09	
	BS-200E <sup>3</sup>	1.15	0.88	—	1.41	0.09	BS-480 <sup>12</sup>	1.15	0.88	—	1.41	0.09	

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>	mg/dL	<b>BS-330E<sup>7</sup></b>	1.15	0.88	—	1.41	0.09	<b>BS-800<sup>16</sup></b>	1.19	0.93	—	1.46	0.09
		<b>BS-360E<sup>8</sup></b>	1.19	0.93	—	1.46	0.09	<b>BS-2000<sup>17</sup></b>	1.19	0.93	—	1.46	0.09
		<b>BS-380<sup>9</sup></b>	1.15	0.88	—	1.41	0.09	<b>BS-2800M<sup>18</sup></b>	1.18	0.92	—	1.44	0.09
	μmol/L	<b>BS-120<sup>1</sup></b>	17.3	13.4	—	21.2	1.3	<b>BS-400<sup>10</sup></b>	17.2	13.3	—	21.1	1.3
		<b>BS-200<sup>2</sup></b>	17.3	13.4	—	21.2	1.3	<b>BS-430<sup>11</sup></b>	17.2	13.3	—	21.1	1.3
		<b>BS-200E<sup>3</sup></b>	17.2	13.3	—	21.1	1.3	<b>BS-480<sup>12</sup></b>	17.2	13.3	—	21.1	1.3
		<b>BS-240<sup>4</sup></b>	17.2	13.3	—	21.1	1.3	<b>BS-600<sup>13</sup></b>	17.2	13.3	—	21.1	1.3
		<b>BS-240E<sup>5</sup></b>	17.2	13.3	—	21.1	1.3	<b>BS-600M<sup>14</sup></b>	17.3	13.4	—	21.2	1.3
		<b>BS-300<sup>6</sup></b>	17.2	13.3	—	21.1	1.3	<b>BS-620M<sup>15</sup></b>	17.3	13.4	—	21.2	1.3
		<b>BS-330E<sup>7</sup></b>	17.2	13.3	—	21.1	1.3	<b>BS-800<sup>16</sup></b>	17.2	13.3	—	21.1	1.3
		<b>BS-360E<sup>8</sup></b>	17.2	13.3	—	21.1	1.3	<b>BS-2000<sup>17</sup></b>	17.3	13.4	—	21.2	1.3
		<b>BS-380<sup>9</sup></b>	17.2	13.3	—	21.1	1.3	<b>BS-2800M<sup>18</sup></b>	17.3	13.4	—	21.2	1.3
		<b>Bil-T (VOX)</b>	mg/dL	<b>BS-120<sup>1</sup></b>	1.01	0.78	—	1.24	0.08	<b>BS-400<sup>10</sup></b>	1.01	0.78	—
<b>BS-200<sup>2</sup></b>	1.01			0.78	—	1.24	0.08	<b>BS-430<sup>11</sup></b>	1.01	0.78	—	1.23	0.08
<b>BS-200E<sup>3</sup></b>	1.01			0.78	—	1.23	0.08	<b>BS-480<sup>12</sup></b>	1.01	0.78	—	1.23	0.08
<b>BS-240<sup>4</sup></b>	1.01			0.78	—	1.23	0.08	<b>BS-600<sup>13</sup></b>	1.01	0.78	—	1.23	0.08
<b>BS-240E<sup>5</sup></b>	1.01			0.78	—	1.23	0.08	<b>BS-600M<sup>14</sup></b>	1.01	0.78	—	1.24	0.08
<b>BS-300<sup>6</sup></b>	1.01			0.78	—	1.23	0.08	<b>BS-620M<sup>15</sup></b>	1.01	0.78	—	1.24	0.08
<b>BS-330E<sup>7</sup></b>	1.01			0.78	—	1.23	0.08	<b>BS-800<sup>16</sup></b>	1.01	0.78	—	1.23	0.08
<b>BS-360E<sup>8</sup></b>	1.01			0.78	—	1.23	0.08	<b>BS-2000<sup>17</sup></b>	1.01	0.78	—	1.24	0.08
<b>BS-380<sup>9</sup></b>	1.01			0.78	—	1.23	0.08	<b>BS-2800M<sup>18</sup></b>	1.01	0.78	—	1.24	0.08
<b>TRF</b>	g/L			<b>BS-120<sup>1</sup></b>	1.99	1.69	—	2.29	0.10	<b>BS-430<sup>11</sup></b>	2.02	1.72	—
		<b>BS-200<sup>2</sup></b>	2.04	1.74	—	2.34	0.10	<b>BS-480<sup>12</sup></b>	2.00	1.70	—	2.30	0.10
		<b>BS-200E<sup>3</sup></b>	2.06	1.76	—	2.36	0.10	<b>BS-600<sup>13</sup></b>	2.02	1.72	—	2.32	0.10
		<b>BS-240<sup>4</sup></b>	1.99	1.69	—	2.29	0.10	<b>BS-600M<sup>14</sup></b>	1.95	1.65	—	2.25	0.10
		<b>BS-240E<sup>5</sup></b>	2.02	1.72	—	2.32	0.10	<b>BS-620M<sup>15</sup></b>	1.95	1.65	—	2.25	0.10
		<b>BS-360E<sup>8</sup></b>	2.00	1.70	—	2.30	0.10	<b>BS-800<sup>16</sup></b>	2.00	1.70	—	2.30	0.10
		<b>BS-380<sup>9</sup></b>	2.06	1.76	—	2.36	0.10	<b>BS-2000<sup>17</sup></b>	2.01	1.71	—	2.31	0.10
		<b>BS-400<sup>10</sup></b>	2.06	1.76	—	2.36	0.10	<b>BS-2800M<sup>18</sup></b>	1.95	1.65	—	2.25	0.10
		<b>BS-120<sup>1</sup></b>	25.1	21.3	—	28.9	1.3	<b>BS-430<sup>11</sup></b>	25.5	21.7	—	29.2	1.3
		<b>BS-200<sup>2</sup></b>	25.7	21.9	—	29.5	1.3	<b>BS-480<sup>12</sup></b>	25.2	21.4	—	29.0	1.3
<b>GGT</b>	μmol/L	<b>BS-200E<sup>3</sup></b>	26.0	22.2	—	29.7	1.3	<b>BS-600<sup>13</sup></b>	25.5	21.7	—	29.2	1.3
		<b>BS-240<sup>4</sup></b>	25.1	21.3	—	28.9	1.3	<b>BS-600M<sup>14</sup></b>	24.6	20.8	—	28.4	1.3
		<b>BS-240E<sup>5</sup></b>	25.5	21.7	—	29.2	1.3	<b>BS-620M<sup>15</sup></b>	24.6	20.8	—	28.4	1.3
		<b>BS-360E<sup>8</sup></b>	25.2	21.4	—	29.0	1.3	<b>BS-800<sup>16</sup></b>	25.2	21.4	—	29.0	1.3
		<b>BS-380<sup>9</sup></b>	26.0	22.2	—	29.7	1.3	<b>BS-2000<sup>17</sup></b>	25.3	21.5	—	29.1	1.3
		<b>BS-400<sup>10</sup></b>	26.0	22.2	—	29.7	1.3	<b>BS-2800M<sup>18</sup></b>	24.6	20.8	—	28.4	1.3
		<b>BS-120<sup>1</sup></b>	47.6	40.4	—	54.8	2.4	<b>BS-400<sup>10</sup></b>	48.8	41.6	—	56.0	2.4
		<b>BS-200<sup>2</sup></b>	47.6	40.4	—	54.8	2.4	<b>BS-430<sup>11</sup></b>	48.4	41.2	—	55.6	2.4
<b>GGT</b>	U/L	<b>BS-200E<sup>3</sup></b>	49.0	41.5	—	56.5	2.5	<b>BS-480<sup>12</sup></b>	48.4	41.2	—	55.6	2.4
		<b>BS-240<sup>4</sup></b>	48.7	41.5	—	55.9	2.4	<b>BS-600<sup>13</sup></b>	48.4	41.2	—	55.6	2.4
		<b>BS-240E<sup>5</sup></b>	48.8	41.6	—	56.0	2.4	<b>BS-600M<sup>14</sup></b>	48.9	41.7	—	56.1	2.4
		<b>BS-300<sup>6</sup></b>	48.8	41.6	—	56.0	2.4	<b>BS-620M<sup>15</sup></b>	48.9	41.7	—	56.1	2.4
		<b>BS-330E<sup>7</sup></b>	49.0	41.5	—	56.5	2.5	<b>BS-800<sup>16</sup></b>	48.4	41.2	—	55.6	2.4
		<b>BS-360E<sup>8</sup></b>	48.9	41.7	—	56.1	2.4	<b>BS-2000<sup>17</sup></b>	48.6	41.4	—	55.8	2.4
		<b>BS-380<sup>9</sup></b>	48.8	41.6	—	56.0	2.4	<b>BS-2800M<sup>18</sup></b>	48.9	41.7	—	56.1	2.4
		<b>BS-120<sup>1</sup></b>	0.795	0.675	—	0.915	0.040	<b>BS-400<sup>10</sup></b>	0.815	0.695	—	0.935	0.040
		<b>BS-200<sup>2</sup></b>	0.795	0.675	—	0.915	0.040	<b>BS-430<sup>11</sup></b>	0.808	0.688	—	0.929	0.040

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
GGT	μkat/L	BS-200E <sup>3</sup>	0.818	0.693	—	0.944	0.042	BS-480 <sup>12</sup>	0.808	0.688	—	0.929	0.040
		BS-240 <sup>4</sup>	0.813	0.693	—	0.934	0.040	BS-600 <sup>13</sup>	0.808	0.688	—	0.929	0.040
		BS-240E <sup>5</sup>	0.815	0.695	—	0.935	0.040	BS-600M <sup>14</sup>	0.817	0.696	—	0.937	0.040
		BS-300 <sup>6</sup>	0.815	0.695	—	0.935	0.040	BS-620M <sup>15</sup>	0.817	0.696	—	0.937	0.040
		BS-330E <sup>7</sup>	0.818	0.693	—	0.944	0.042	BS-800 <sup>16</sup>	0.808	0.688	—	0.929	0.040
		BS-360E <sup>8</sup>	0.817	0.696	—	0.937	0.040	BS-2000 <sup>17</sup>	0.812	0.691	—	0.932	0.040
		BS-380 <sup>9</sup>	0.815	0.695	—	0.935	0.040	BS-2800M <sup>18</sup>	0.817	0.696	—	0.937	0.040
UIBC	μmol/L	BS-240 <sup>4</sup>	32.7	26.1	—	39.3	2.2	BS-600 <sup>13</sup>	32.0	25.7	—	38.3	2.1
		BS-240E <sup>5</sup>	34.3	27.4	—	41.2	2.3	BS-600M <sup>14</sup>	32.8	26.2	—	39.4	2.2
		BS-360E <sup>8</sup>	32.7	26.1	—	39.3	2.2	BS-620M <sup>15</sup>	32.8	26.2	—	39.4	2.2
		BS-380 <sup>9</sup>	33.2	26.6	—	39.8	2.2	BS-800 <sup>16</sup>	32.0	25.7	—	38.3	2.1
		BS-400 <sup>10</sup>	33.2	26.6	—	39.8	2.2	BS-2000 <sup>17</sup>	30.8	24.5	—	37.1	2.1
		BS-430 <sup>11</sup>	32.0	25.7	—	38.3	2.1	BS-2800M <sup>18</sup>	30.4	24.4	—	36.4	2.0
		BS-480 <sup>12</sup>	35.7	28.5	—	42.9	2.4						
Fe	μg/dL	BS-240 <sup>4</sup>	183	146	—	220	12	BS-600 <sup>13</sup>	179	144	—	214	12
		BS-240E <sup>5</sup>	192	153	—	230	13	BS-600M <sup>14</sup>	183	146	—	220	12
		BS-360E <sup>8</sup>	183	146	—	220	12	BS-620M <sup>15</sup>	183	146	—	220	12
		BS-380 <sup>9</sup>	186	149	—	222	12	BS-800 <sup>16</sup>	179	144	—	214	12
		BS-400 <sup>10</sup>	186	149	—	222	12	BS-2000 <sup>17</sup>	172	137	—	207	12
		BS-430 <sup>11</sup>	179	144	—	214	12	BS-2800M <sup>18</sup>	170	136	—	203	11
		BS-480 <sup>12</sup>	200	159	—	240	13						
Fe	μmol/L	BS-120 <sup>1</sup>	19.3	15.4	—	23.2	1.3	BS-400 <sup>10</sup>	19.9	16.0	—	23.8	1.3
		BS-200 <sup>2</sup>	19.8	15.9	—	23.7	1.3	BS-430 <sup>11</sup>	19.6	15.7	—	23.5	1.3
		BS-200E <sup>3</sup>	19.6	15.7	—	23.5	1.3	BS-480 <sup>12</sup>	19.7	15.8	—	23.6	1.3
		BS-240 <sup>4</sup>	19.4	15.5	—	23.3	1.3	BS-600 <sup>13</sup>	19.5	15.6	—	23.4	1.3
		BS-240E <sup>5</sup>	19.8	15.9	—	23.7	1.3	BS-600M <sup>14</sup>	19.6	15.7	—	23.5	1.3
		BS-300 <sup>6</sup>	19.6	15.7	—	23.5	1.3	BS-620M <sup>15</sup>	19.6	15.7	—	23.5	1.3
		BS-330E <sup>7</sup>	19.6	15.7	—	23.5	1.3	BS-800 <sup>16</sup>	19.8	15.9	—	23.7	1.3
		BS-360E <sup>8</sup>	19.7	15.8	—	23.6	1.3	BS-2000 <sup>17</sup>	19.3	15.4	—	23.2	1.3
		BS-380 <sup>9</sup>	20.1	16.2	—	24.0	1.3	BS-2800M <sup>18</sup>	19.6	15.7	—	23.5	1.3
	mg/L	BS-120 <sup>1</sup>	1.08	0.86	—	1.30	0.07	BS-400 <sup>10</sup>	1.11	0.89	—	1.33	0.07
		BS-200 <sup>2</sup>	1.11	0.89	—	1.32	0.07	BS-430 <sup>11</sup>	1.09	0.88	—	1.31	0.07
		BS-200E <sup>3</sup>	1.09	0.88	—	1.31	0.07	BS-480 <sup>12</sup>	1.10	0.88	—	1.32	0.07
		BS-240 <sup>4</sup>	1.08	0.87	—	1.30	0.07	BS-600 <sup>13</sup>	1.09	0.87	—	1.31	0.07
		BS-240E <sup>5</sup>	1.11	0.89	—	1.32	0.07	BS-600M <sup>14</sup>	1.09	0.88	—	1.31	0.07
		BS-300 <sup>6</sup>	1.09	0.88	—	1.31	0.07	BS-620M <sup>15</sup>	1.09	0.88	—	1.31	0.07
FER	ng/mL	BS-330E <sup>7</sup>	1.09	0.88	—	1.31	0.07	BS-800 <sup>16</sup>	1.11	0.89	—	1.32	0.07
		BS-360E <sup>8</sup>	1.10	0.88	—	1.32	0.07	BS-2000 <sup>17</sup>	1.08	0.86	—	1.30	0.07
		BS-380 <sup>9</sup>	1.12	0.91	—	1.34	0.07	BS-2800M <sup>18</sup>	1.09	0.88	—	1.31	0.07
		BS-200E <sup>3</sup>	95.5	81.1	—	109.9	4.8	BS-480 <sup>12</sup>	95.0	80.6	—	109.4	4.8
		BS-240 <sup>4</sup>	97.8	83.1	—	112.5	4.9	BS-600 <sup>13</sup>	95.0	80.6	—	109.4	4.8
		BS-240E <sup>5</sup>	95.0	80.6	—	109.4	4.8	BS-600M <sup>14</sup>	95.7	81.3	—	110.1	4.8
FER	pmol/L	BS-360E <sup>8</sup>	95.0	80.6	—	109.4	4.8	BS-620M <sup>15</sup>	95.7	81.3	—	110.1	4.8
		BS-380 <sup>9</sup>	95.5	81.1	—	109.9	4.8	BS-800 <sup>16</sup>	95.0	80.6	—	109.4	4.8
		BS-400 <sup>10</sup>	95.5	81.1	—	109.9	4.8	BS-2000 <sup>17</sup>	94.7	80.6	—	108.8	4.7
		BS-430 <sup>11</sup>	95.0	80.6	—	109.4	4.8	BS-2800M <sup>18</sup>	95.7	81.3	—	110.1	4.8
		BS-200E <sup>3</sup>	215	182	—	247	11	BS-480 <sup>12</sup>	213	181	—	246	11
		BS-240 <sup>4</sup>	220	187	—	253	11	BS-600 <sup>13</sup>	213	181	—	246	11

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
FER	pmol/L	BS-240E <sup>5</sup>	213	181	—	246	11	BS-600M <sup>14</sup>	215	183	—	247	11
		BS-360E <sup>8</sup>	213	181	—	246	11	BS-620M <sup>15</sup>	215	183	—	247	11
		BS-380 <sup>9</sup>	215	182	—	247	11	BS-800 <sup>16</sup>	213	181	—	246	11
		BS-400 <sup>10</sup>	215	182	—	247	11	BS-2000 <sup>17</sup>	213	181	—	244	11
		BS-430 <sup>11</sup>	213	181	—	246	11	BS-2800M <sup>18</sup>	215	183	—	247	11
HS-CRP	mg/L	BS-200E <sup>3</sup>	6.10	4.27	—	7.93	0.61	BS-430 <sup>11</sup>	5.99	4.19	—	7.79	0.60
		BS-240 <sup>4</sup>	6.07	4.24	—	7.90	0.61	BS-480 <sup>12</sup>	6.04	4.24	—	7.84	0.60
		BS-240E <sup>5</sup>	6.77	4.73	—	8.81	0.68	BS-600 <sup>13</sup>	6.04	4.24	—	7.84	0.60
		BS-300 <sup>6</sup>	6.12	4.29	—	7.95	0.61	BS-600M <sup>14</sup>	5.92	4.15	—	7.69	0.59
		BS-330E <sup>7</sup>	6.10	4.27	—	7.93	0.61	BS-620M <sup>15</sup>	5.92	4.15	—	7.69	0.59
	nmol/L	BS-360E <sup>8</sup>	6.04	4.24	—	7.84	0.60	BS-800 <sup>16</sup>	6.04	4.24	—	7.84	0.60
		BS-380 <sup>9</sup>	6.12	4.29	—	7.95	0.61	BS-2000 <sup>17</sup>	6.17	4.31	—	8.03	0.62
		BS-400 <sup>10</sup>	5.97	4.17	—	7.77	0.60	BS-2800M <sup>18</sup>	5.92	4.15	—	7.69	0.59
		BS-200E <sup>3</sup>	58.1	40.7	—	75.5	5.8	BS-430 <sup>11</sup>	57.0	39.9	—	74.2	5.7
		BS-240 <sup>4</sup>	57.8	40.4	—	75.2	5.8	BS-480 <sup>12</sup>	57.5	40.4	—	74.6	5.7
TP	g/L	BS-240E <sup>5</sup>	64.5	45.0	—	83.9	6.5	BS-600 <sup>13</sup>	57.5	40.4	—	74.6	5.7
		BS-300 <sup>6</sup>	58.3	40.8	—	75.7	5.8	BS-600M <sup>14</sup>	56.4	39.5	—	73.2	5.6
		BS-330E <sup>7</sup>	58.1	40.7	—	75.5	5.8	BS-620M <sup>15</sup>	56.4	39.5	—	73.2	5.6
		BS-360E <sup>8</sup>	57.5	40.4	—	74.6	5.7	BS-800 <sup>16</sup>	57.5	40.4	—	74.6	5.7
		BS-380 <sup>9</sup>	58.3	40.8	—	75.7	5.8	BS-2000 <sup>17</sup>	58.7	41.0	—	76.4	5.9
		BS-400 <sup>10</sup>	56.8	39.7	—	74.0	5.7	BS-2800M <sup>18</sup>	56.4	39.5	—	73.2	5.6
		BS-120 <sup>1</sup>	52.3	44.5	—	60.1	2.6	BS-400 <sup>10</sup>	52.2	44.4	—	60.0	2.6
		BS-200 <sup>2</sup>	52.4	44.6	—	60.2	2.6	BS-430 <sup>11</sup>	51.4	43.6	—	59.2	2.6
TP II	g/L	BS-200E <sup>3</sup>	52.0	44.2	—	59.8	2.6	BS-480 <sup>12</sup>	51.4	43.6	—	59.2	2.6
		BS-240 <sup>4</sup>	52.3	44.5	—	60.1	2.6	BS-600 <sup>13</sup>	51.4	43.6	—	59.2	2.6
		BS-240E <sup>5</sup>	51.5	43.7	—	59.3	2.6	BS-600M <sup>14</sup>	51.4	43.6	—	59.2	2.6
		BS-300 <sup>6</sup>	52.2	44.4	—	60.0	2.6	BS-620M <sup>15</sup>	51.4	43.6	—	59.2	2.6
		BS-330E <sup>7</sup>	52.0	44.2	—	59.8	2.6	BS-800 <sup>16</sup>	51.4	43.6	—	59.2	2.6
		BS-360E <sup>8</sup>	52.0	44.2	—	59.8	2.6	BS-2000 <sup>17</sup>	51.5	43.7	—	59.3	2.6
		BS-380 <sup>9</sup>	52.0	44.2	—	59.8	2.6						
		BS-120 <sup>1</sup>	51.8	44.0	—	59.6	2.6	BS-400 <sup>10</sup>	51.5	43.7	—	59.3	2.6
UREA	mmol/L	BS-200 <sup>2</sup>	51.8	44.0	—	59.6	2.6	BS-430 <sup>11</sup>	51.6	43.8	—	59.4	2.6
		BS-200E <sup>3</sup>	51.7	43.9	—	59.5	2.6	BS-480 <sup>12</sup>	51.2	43.4	—	59.0	2.6
		BS-240 <sup>4</sup>	51.0	43.2	—	58.8	2.6	BS-600 <sup>13</sup>	51.6	43.8	—	59.4	2.6
		BS-240E <sup>5</sup>	51.1	43.3	—	58.9	2.6	BS-600M <sup>14</sup>	51.7	43.9	—	59.5	2.6
		BS-300 <sup>6</sup>	51.9	44.1	—	59.7	2.6	BS-620M <sup>15</sup>	51.7	43.9	—	59.5	2.6
		BS-330E <sup>7</sup>	51.7	43.9	—	59.5	2.6	BS-800 <sup>16</sup>	51.6	43.8	—	59.4	2.6
		BS-360E <sup>8</sup>	51.5	43.7	—	59.3	2.6	BS-2000 <sup>17</sup>	51.5	43.7	—	59.3	2.6
		BS-380 <sup>9</sup>	51.5	43.7	—	59.3	2.6	BS-2800M <sup>18</sup>	51.0	43.2	—	58.8	2.6
UREA	mmol/L	BS-120 <sup>1</sup>	6.88	5.86	—	7.90	0.34	BS-400 <sup>10</sup>	6.98	5.93	—	8.03	0.35
		BS-200 <sup>2</sup>	6.88	5.86	—	7.90	0.34	BS-430 <sup>11</sup>	7.03	5.98	—	8.08	0.35
		BS-200E <sup>3</sup>	6.94	5.89	—	7.99	0.35	BS-480 <sup>12</sup>	6.85	5.83	—	7.87	0.34
		BS-240 <sup>4</sup>	7.00	5.95	—	8.05	0.35	BS-600 <sup>13</sup>	7.03	5.98	—	8.08	0.35
		BS-240E <sup>5</sup>	7.04	5.99	—	8.09	0.35	BS-600M <sup>14</sup>	6.95	5.90	—	8.00	0.35
		BS-300 <sup>6</sup>	6.98	5.93	—	8.03	0.35	BS-620M <sup>15</sup>	6.95	5.90	—	8.00	0.35
		BS-330E <sup>7</sup>	6.94	5.89	—	7.99	0.35	BS-800 <sup>16</sup>	7.03	5.98	—	8.08	0.35
		BS-360E <sup>8</sup>	7.03	5.98	—	8.08	0.35	BS-2000 <sup>17</sup>	6.91	5.86	—	7.96	0.35
BS-380 <sup>9</sup>	6.98	5.93	—	8.03	0.35	BS-2800M <sup>18</sup>	6.87	5.85	—	7.89	0.34		

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
UREA	mg/dL	BS-120 <sup>1</sup>	41.3	35.2	—	47.4	2.0	BS-400 <sup>10</sup>	41.9	35.6	—	48.2	2.1
		BS-200 <sup>2</sup>	41.3	35.2	—	47.4	2.0	BS-430 <sup>11</sup>	42.2	35.9	—	48.5	2.1
		BS-200E <sup>3</sup>	41.7	35.4	—	48.0	2.1	BS-480 <sup>12</sup>	41.1	35.0	—	47.3	2.0
		BS-240 <sup>4</sup>	42.0	35.7	—	48.3	2.1	BS-600 <sup>13</sup>	42.2	35.9	—	48.5	2.1
		BS-240E <sup>5</sup>	42.3	36.0	—	48.6	2.1	BS-600M <sup>14</sup>	41.7	35.4	—	48.0	2.1
		BS-300 <sup>6</sup>	41.9	35.6	—	48.2	2.1	BS-620M <sup>15</sup>	41.7	35.4	—	48.0	2.1
		BS-330E <sup>7</sup>	41.7	35.4	—	48.0	2.1	BS-800 <sup>16</sup>	42.2	35.9	—	48.5	2.1
		BS-360E <sup>8</sup>	42.2	35.9	—	48.5	2.1	BS-2000 <sup>17</sup>	41.5	35.2	—	47.8	2.1
		BS-380 <sup>9</sup>	41.9	35.6	—	48.2	2.1	BS-2800M <sup>18</sup>	41.3	35.1	—	47.4	2.0
C3	g/L	BS-120 <sup>1</sup>	0.981	0.783	—	1.179	0.066	BS-400 <sup>10</sup>	1.01	0.80	—	1.22	0.07
		BS-200 <sup>2</sup>	1.01	0.80	—	1.22	0.07	BS-430 <sup>11</sup>	0.997	0.796	—	1.198	0.067
		BS-200E <sup>3</sup>	0.989	0.788	—	1.190	0.067	BS-480 <sup>12</sup>	0.986	0.785	—	1.187	0.067
		BS-240 <sup>4</sup>	0.956	0.761	—	1.151	0.065	BS-600 <sup>13</sup>	0.982	0.784	—	1.180	0.066
		BS-240E <sup>5</sup>	0.988	0.787	—	1.189	0.067	BS-600M <sup>14</sup>	0.989	0.788	—	1.190	0.067
		BS-300 <sup>6</sup>	1.00	0.79	—	1.21	0.07	BS-620M <sup>15</sup>	0.989	0.788	—	1.190	0.067
		BS-330E <sup>7</sup>	0.989	0.788	—	1.190	0.067	BS-800 <sup>16</sup>	0.983	0.785	—	1.181	0.066
		BS-360E <sup>8</sup>	0.988	0.787	—	1.189	0.067	BS-2000 <sup>17</sup>	1.01	0.80	—	1.22	0.07
		BS-380 <sup>9</sup>	1.01	0.80	—	1.22	0.07	BS-2800M <sup>18</sup>	0.990	0.789	—	1.191	0.067
C4	g/L	BS-120 <sup>1</sup>	0.168	0.135	—	0.201	0.011	BS-400 <sup>10</sup>	0.168	0.135	—	0.201	0.011
		BS-200 <sup>2</sup>	0.161	0.128	—	0.194	0.011	BS-430 <sup>11</sup>	0.164	0.131	—	0.197	0.011
		BS-200E <sup>3</sup>	0.158	0.125	—	0.191	0.011	BS-480 <sup>12</sup>	0.161	0.128	—	0.194	0.011
		BS-240 <sup>4</sup>	0.167	0.134	—	0.200	0.011	BS-600 <sup>13</sup>	0.162	0.129	—	0.195	0.011
		BS-240E <sup>5</sup>	0.161	0.128	—	0.194	0.011	BS-600M <sup>14</sup>	0.165	0.132	—	0.198	0.011
		BS-300 <sup>6</sup>	0.162	0.129	—	0.195	0.011	BS-620M <sup>15</sup>	0.165	0.132	—	0.198	0.011
		BS-330E <sup>7</sup>	0.158	0.125	—	0.191	0.011	BS-800 <sup>16</sup>	0.160	0.127	—	0.193	0.011
		BS-360E <sup>8</sup>	0.162	0.129	—	0.195	0.011	BS-2000 <sup>17</sup>	0.159	0.126	—	0.192	0.011
		BS-380 <sup>9</sup>	0.167	0.134	—	0.200	0.011	BS-2800M <sup>18</sup>	0.164	0.131	—	0.197	0.011
CRP II	μmol/L	BS-120 <sup>1</sup>	0.840	0.675	—	1.005	0.055	BS-400 <sup>10</sup>	0.840	0.675	—	1.005	0.055
		BS-200 <sup>2</sup>	0.805	0.640	—	0.970	0.055	BS-430 <sup>11</sup>	0.820	0.655	—	0.985	0.055
		BS-200E <sup>3</sup>	0.790	0.625	—	0.955	0.055	BS-480 <sup>12</sup>	0.805	0.640	—	0.970	0.055
		BS-240 <sup>4</sup>	0.835	0.670	—	1.000	0.055	BS-600 <sup>13</sup>	0.810	0.645	—	0.975	0.055
		BS-240E <sup>5</sup>	0.805	0.640	—	0.970	0.055	BS-600M <sup>14</sup>	0.825	0.660	—	0.990	0.055
		BS-300 <sup>6</sup>	0.810	0.645	—	0.975	0.055	BS-620M <sup>15</sup>	0.825	0.660	—	0.990	0.055
		BS-330E <sup>7</sup>	0.790	0.625	—	0.955	0.055	BS-800 <sup>16</sup>	0.800	0.635	—	0.965	0.055
		BS-360E <sup>8</sup>	0.810	0.645	—	0.975	0.055	BS-2000 <sup>17</sup>	0.795	0.630	—	0.960	0.055
		BS-380 <sup>9</sup>	0.835	0.670	—	1.000	0.055	BS-2800M <sup>18</sup>	0.820	0.655	—	0.985	0.055
CRP II	mg/L	BS-120 <sup>1</sup>	5.30	3.71	—	6.89	0.53	BS-400 <sup>10</sup>	5.95	4.15	—	7.75	0.60
		BS-200 <sup>2</sup>	5.85	4.08	—	7.62	0.59	BS-430 <sup>11</sup>	5.84	4.10	—	7.58	0.58
		BS-200E <sup>3</sup>	5.80	4.06	—	7.54	0.58	BS-480 <sup>12</sup>	6.08	4.25	—	7.91	0.61
		BS-240 <sup>4</sup>	6.31	4.42	—	8.20	0.63	BS-600 <sup>13</sup>	6.01	4.21	—	7.81	0.60
		BS-240E <sup>5</sup>	5.49	3.84	—	7.14	0.55	BS-600M <sup>14</sup>	5.94	4.17	—	7.71	0.59
		BS-300 <sup>6</sup>	5.79	4.05	—	7.53	0.58	BS-620M <sup>15</sup>	5.94	4.17	—	7.71	0.59
		BS-330E <sup>7</sup>	5.80	4.06	—	7.54	0.58	BS-800 <sup>16</sup>	5.94	4.17	—	7.71	0.59
		BS-360E <sup>8</sup>	5.94	4.17	—	7.71	0.59	BS-2000 <sup>17</sup>	5.96	4.16	—	7.76	0.60
		BS-380 <sup>9</sup>	5.97	4.17	—	7.77	0.60						
CRP II	nmol/L	BS-120 <sup>1</sup>	50.5	35.3	—	65.6	5.0	BS-400 <sup>10</sup>	56.6	39.5	—	73.8	5.7
		BS-200 <sup>2</sup>	55.7	38.8	—	72.5	5.6	BS-430 <sup>11</sup>	55.6	39.0	—	72.2	5.5
		BS-200E <sup>3</sup>	55.2	38.7	—	71.8	5.5	BS-480 <sup>12</sup>	57.9	40.5	—	75.3	5.8



Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
CRP II	nmol/L	BS-240 <sup>4</sup>	60.1	42.1	—	78.1	6.0	BS-600 <sup>13</sup>	57.2	40.1	—	74.4	5.7
		BS-240E <sup>5</sup>	52.3	36.6	—	68.0	5.2	BS-600M <sup>14</sup>	56.5	39.7	—	73.4	5.6
		BS-300 <sup>6</sup>	55.1	38.6	—	71.7	5.5	BS-620M <sup>15</sup>	56.5	39.7	—	73.4	5.6
		BS-330E <sup>7</sup>	55.2	38.7	—	71.8	5.5	BS-800 <sup>16</sup>	56.5	39.7	—	73.4	5.6
		BS-360E <sup>8</sup>	56.5	39.7	—	73.4	5.6	BS-2000 <sup>17</sup>	56.7	39.6	—	73.9	5.7
		BS-380 <sup>9</sup>	56.8	39.7	—	74.0	5.7						
IgAII	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>	1.67	1.28	—	2.06	0.13	BS-480 <sup>12</sup>	1.64	1.28	—	2.00	0.12
		BS-240 <sup>4</sup>	1.63	1.27	—	1.99	0.12	BS-600 <sup>13</sup>	1.63	1.27	—	1.99	0.12
		BS-240E <sup>5</sup>	1.67	1.28	—	2.06	0.13	BS-600M <sup>14</sup>	1.60	1.24	—	1.96	0.12
		BS-330E <sup>7</sup>	1.67	1.28	—	2.06	0.13	BS-620M <sup>15</sup>	1.60	1.24	—	1.96	0.12
		BS-360E <sup>8</sup>	1.64	1.28	—	2.00	0.12	BS-800 <sup>16</sup>	1.63	1.27	—	1.99	0.12
		BS-380 <sup>9</sup>	1.62	1.26	—	1.98	0.12	BS-2000 <sup>17</sup>	1.64	1.28	—	2.00	0.12
		BS-400 <sup>10</sup>	1.63	1.27	—	1.99	0.12	BS-2800M <sup>18</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
		BS-200E <sup>3</sup>	10.4	8.0	—	12.9	0.8	BS-480 <sup>12</sup>	10.3	8.0	—	12.5	0.8
IgG	g/L	BS-240 <sup>4</sup>	10.2	7.9	—	12.4	0.8	BS-600 <sup>13</sup>	10.2	7.9	—	12.4	0.8
		BS-240E <sup>5</sup>	10.4	8.0	—	12.9	0.8	BS-600M <sup>14</sup>	10.0	7.8	—	12.3	0.8
		BS-330E <sup>7</sup>	10.4	8.0	—	12.9	0.8	BS-620M <sup>15</sup>	10.0	7.8	—	12.3	0.8
		BS-360E <sup>8</sup>	10.3	8.0	—	12.5	0.8	BS-800 <sup>16</sup>	10.2	7.9	—	12.4	0.8
		BS-380 <sup>9</sup>	10.1	7.9	—	12.4	0.8	BS-2000 <sup>17</sup>	10.3	8.0	—	12.5	0.8
		BS-400 <sup>10</sup>	10.2	7.9	—	12.4	0.8	BS-2800M <sup>18</sup>	10.3	8.1	—	12.6	0.8
		BS-120 <sup>1</sup>	8.33	6.47	—	10.19	0.62	BS-400 <sup>10</sup>	7.86	6.09	—	9.63	0.59
		BS-200 <sup>2</sup>	8.47	6.55	—	10.39	0.64	BS-430 <sup>11</sup>	7.76	6.02	—	9.50	0.58
IgG	g/L	BS-200E <sup>3</sup>	7.27	5.62	—	8.92	0.55	BS-480 <sup>12</sup>	7.69	5.95	—	9.43	0.58
		BS-240 <sup>4</sup>	8.23	6.37	—	10.09	0.62	BS-600 <sup>13</sup>	7.76	6.02	—	9.50	0.58
		BS-240E <sup>5</sup>	7.76	6.02	—	9.50	0.58	BS-600M <sup>14</sup>	7.75	6.01	—	9.49	0.58
		BS-300 <sup>6</sup>	7.86	6.09	—	9.63	0.59	BS-620M <sup>15</sup>	7.75	6.01	—	9.49	0.58
		BS-330E <sup>7</sup>	7.27	5.62	—	8.92	0.55	BS-800 <sup>16</sup>	7.76	6.02	—	9.50	0.58
		BS-360E <sup>8</sup>	7.58	5.87	—	9.29	0.57	BS-2000 <sup>17</sup>	7.85	6.08	—	9.62	0.59
		BS-380 <sup>9</sup>	7.86	6.09	—	9.63	0.59	BS-2800M <sup>18</sup>	7.75	6.01	—	9.49	0.58
		BS-120 <sup>1</sup>	55.6	43.2	—	68.0	4.1	BS-400 <sup>10</sup>	52.4	40.6	—	64.2	3.9
		BS-200 <sup>2</sup>	56.5	43.7	—	69.3	4.3	BS-430 <sup>11</sup>	51.8	40.2	—	63.4	3.9
		BS-200E <sup>3</sup>	48.5	37.5	—	59.5	3.7	BS-480 <sup>12</sup>	51.3	39.7	—	62.9	3.9
IgG	μmol/L	BS-240 <sup>4</sup>	54.9	42.5	—	67.3	4.1	BS-600 <sup>13</sup>	51.8	40.2	—	63.4	3.9
		BS-240E <sup>5</sup>	51.8	40.2	—	63.4	3.9	BS-600M <sup>14</sup>	51.7	40.1	—	63.3	3.9
		BS-300 <sup>6</sup>	52.4	40.6	—	64.2	3.9	BS-620M <sup>15</sup>	51.7	40.1	—	63.3	3.9
		BS-330E <sup>7</sup>	48.5	37.5	—	59.5	3.7	BS-800 <sup>16</sup>	51.8	40.2	—	63.4	3.9
		BS-360E <sup>8</sup>	50.6	39.2	—	62.0	3.8	BS-2000 <sup>17</sup>	52.4	40.6	—	64.2	3.9
		BS-380 <sup>9</sup>	52.4	40.6	—	64.2	3.9	BS-2800M <sup>18</sup>	51.7	40.1	—	63.3	3.9
		BS-120 <sup>1</sup>	0.762	0.591	—	0.933	0.057	BS-400 <sup>10</sup>	0.716	0.554	—	0.878	0.054
		BS-200 <sup>2</sup>	0.721	0.559	—	0.883	0.054	BS-430 <sup>11</sup>	0.741	0.573	—	0.909	0.056
IgM	g/L	BS-200E <sup>3</sup>	0.715	0.553	—	0.877	0.054	BS-480 <sup>12</sup>	0.742	0.574	—	0.910	0.056
		BS-240 <sup>4</sup>	0.733	0.568	—	0.898	0.055	BS-600 <sup>13</sup>	0.717	0.555	—	0.879	0.054
		BS-240E <sup>5</sup>	0.738	0.573	—	0.903	0.055	BS-600M <sup>14</sup>	0.745	0.577	—	0.913	0.056
		BS-300 <sup>6</sup>	0.727	0.562	—	0.892	0.055	BS-620M <sup>15</sup>	0.745	0.577	—	0.913	0.056
		BS-330E <sup>7</sup>	0.715	0.553	—	0.877	0.054	BS-800 <sup>16</sup>	0.732	0.567	—	0.897	0.055
		BS-360E <sup>8</sup>	0.740	0.572	—	0.908	0.056	BS-2000 <sup>17</sup>	0.743	0.575	—	0.911	0.056

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
IgM	g/L	BS-380 <sup>9</sup>	0.724	0.562	—	0.886	0.054	BS-2800M <sup>18</sup>	0.745	0.577	—	0.913	0.056
		BS-120 <sup>1</sup>	0.785	0.609	—	0.961	0.059	BS-400 <sup>10</sup>	0.737	0.571	—	0.904	0.056
		BS-200 <sup>2</sup>	0.743	0.576	—	0.909	0.056	BS-430 <sup>11</sup>	0.763	0.590	—	0.936	0.058
		BS-200E <sup>3</sup>	0.736	0.570	—	0.903	0.056	BS-480 <sup>12</sup>	0.764	0.591	—	0.937	0.058
	μmol/L	BS-240 <sup>4</sup>	0.755	0.585	—	0.925	0.057	BS-600 <sup>13</sup>	0.739	0.572	—	0.905	0.056
		BS-240E <sup>5</sup>	0.760	0.590	—	0.930	0.057	BS-600M <sup>14</sup>	0.767	0.594	—	0.940	0.058
		BS-300 <sup>6</sup>	0.749	0.579	—	0.919	0.057	BS-620M <sup>15</sup>	0.767	0.594	—	0.940	0.058
		BS-330E <sup>7</sup>	0.736	0.570	—	0.903	0.056	BS-800 <sup>16</sup>	0.754	0.584	—	0.924	0.057
		BS-360E <sup>8</sup>	0.762	0.589	—	0.935	0.058	BS-2000 <sup>17</sup>	0.765	0.592	—	0.938	0.058
		BS-380 <sup>9</sup>	0.746	0.579	—	0.913	0.056	BS-2800M <sup>18</sup>	0.767	0.594	—	0.940	0.058
ALBII	g/L	BS-120 <sup>1</sup>	32.5	27.7	—	37.3	1.6	BS-400 <sup>10</sup>	32.7	27.9	—	37.5	1.6
		BS-200 <sup>2</sup>	32.5	27.7	—	37.3	1.6	BS-430 <sup>11</sup>	32.6	27.8	—	37.4	1.6
		BS-200E <sup>3</sup>	33.2	28.1	—	38.3	1.7	BS-480 <sup>12</sup>	31.9	27.1	—	36.7	1.6
		BS-240 <sup>4</sup>	32.0	27.2	—	36.8	1.6	BS-600 <sup>13</sup>	32.3	27.5	—	37.1	1.6
	μmol/L	BS-240E <sup>5</sup>	31.9	27.1	—	36.7	1.6	BS-600M <sup>14</sup>	32.1	27.3	—	36.9	1.6
		BS-300 <sup>6</sup>	32.5	27.7	—	37.3	1.6	BS-620M <sup>15</sup>	32.1	27.3	—	36.9	1.6
		BS-330E <sup>7</sup>	33.2	28.1	—	38.3	1.7	BS-800 <sup>16</sup>	32.7	27.9	—	37.5	1.6
		BS-360E <sup>8</sup>	32.0	27.2	—	36.8	1.6	BS-2000 <sup>17</sup>	32.7	27.9	—	37.5	1.6
		BS-380 <sup>9</sup>	32.4	27.6	—	37.2	1.6	BS-2800M <sup>18</sup>	32.1	27.3	—	36.9	1.6
		BS-120 <sup>1</sup>	494	421	—	567	24	BS-400 <sup>10</sup>	497	424	—	570	24
		BS-200 <sup>2</sup>	494	421	—	567	24	BS-430 <sup>11</sup>	496	423	—	568	24
		BS-200E <sup>3</sup>	505	427	—	582	26	BS-480 <sup>12</sup>	485	412	—	558	24
		BS-240 <sup>4</sup>	486	413	—	559	24	BS-600 <sup>13</sup>	491	418	—	564	24
		BS-240E <sup>5</sup>	485	412	—	558	24	BS-600M <sup>14</sup>	488	415	—	561	24
		BS-300 <sup>6</sup>	494	421	—	567	24	BS-620M <sup>15</sup>	488	415	—	561	24
		BS-330E <sup>7</sup>	505	427	—	582	26	BS-800 <sup>16</sup>	497	424	—	570	24
		BS-360E <sup>8</sup>	486	413	—	559	24	BS-2000 <sup>17</sup>	497	424	—	570	24
		BS-380 <sup>9</sup>	492	420	—	565	24	BS-2800M <sup>18</sup>	488	415	—	561	24
ALP	g/L	BS-120 <sup>1</sup>	102	87	—	117	5	BS-400 <sup>10</sup>	101	86	—	116	5
		BS-200 <sup>2</sup>	98.1	83.4	—	112.8	4.9	BS-430 <sup>11</sup>	102	87	—	117	5
		BS-200E <sup>3</sup>	101	86	—	116	5	BS-480 <sup>12</sup>	102	87	—	117	5
		BS-240 <sup>4</sup>	97.9	83.2	—	112.6	4.9	BS-600 <sup>13</sup>	101	86	—	116	5
	U/L	BS-240E <sup>5</sup>	99.6	84.6	—	114.6	5.0	BS-600M <sup>14</sup>	103	88	—	118	5
		BS-300 <sup>6</sup>	100	85	—	115	5	BS-620M <sup>15</sup>	103	88	—	118	5
		BS-330E <sup>7</sup>	101	86	—	116	5	BS-800 <sup>16</sup>	101	86	—	116	5
		BS-360E <sup>8</sup>	101	86	—	116	5	BS-2000 <sup>17</sup>	102	87	—	117	5
		BS-380 <sup>9</sup>	101	86	—	116	5	BS-2800M <sup>18</sup>	100	85	—	115	5
		BS-120 <sup>1</sup>	1.70	1.45	—	1.95	0.08	BS-400 <sup>10</sup>	1.69	1.44	—	1.94	0.08
		BS-200 <sup>2</sup>	1.64	1.39	—	1.88	0.08	BS-430 <sup>11</sup>	1.70	1.45	—	1.95	0.08
		BS-200E <sup>3</sup>	1.69	1.44	—	1.94	0.08	BS-480 <sup>12</sup>	1.70	1.45	—	1.95	0.08
		BS-240 <sup>4</sup>	1.63	1.39	—	1.88	0.08	BS-600 <sup>13</sup>	1.69	1.44	—	1.94	0.08
		BS-240E <sup>5</sup>	1.66	1.41	—	1.91	0.08	BS-600M <sup>14</sup>	1.72	1.47	—	1.97	0.08
		BS-300 <sup>6</sup>	1.67	1.42	—	1.92	0.08	BS-620M <sup>15</sup>	1.72	1.47	—	1.97	0.08
		BS-330E <sup>7</sup>	1.69	1.44	—	1.94	0.08	BS-800 <sup>16</sup>	1.69	1.44	—	1.94	0.08
		BS-360E <sup>8</sup>	1.69	1.44	—	1.94	0.08	BS-2000 <sup>17</sup>	1.70	1.45	—	1.95	0.08
		BS-380 <sup>9</sup>	1.69	1.44	—	1.94	0.08	BS-2800M <sup>18</sup>	1.67	1.42	—	1.92	0.08
Ca	mmol/L	BS-120 <sup>1</sup>	2.12	1.88	—	2.36	0.08	BS-400 <sup>10</sup>	2.14	1.90	—	2.38	0.08
		BS-200 <sup>2</sup>	2.14	1.90	—	2.38	0.08	BS-430 <sup>11</sup>	2.10	1.86	—	2.34	0.08

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>Ca</b>	mmol/L	BS-200E <sup>3</sup>	2.04	1.80	—	2.28	0.08	BS-480 <sup>12</sup>	2.11	1.87	—	2.35	0.08
		BS-240 <sup>4</sup>	2.14	1.90	—	2.38	0.08	BS-600 <sup>13</sup>	2.08	1.84	—	2.32	0.08
		BS-240E <sup>5</sup>	2.09	1.85	—	2.33	0.08	BS-600M <sup>14</sup>	2.13	1.89	—	2.37	0.08
		BS-300 <sup>6</sup>	2.11	1.87	—	2.35	0.08	BS-620M <sup>15</sup>	2.13	1.89	—	2.37	0.08
		BS-330E <sup>7</sup>	2.04	1.80	—	2.28	0.08	BS-800 <sup>16</sup>	2.13	1.89	—	2.37	0.08
		BS-360E <sup>8</sup>	2.06	1.82	—	2.30	0.08	BS-2000 <sup>17</sup>	2.11	1.87	—	2.35	0.08
		BS-380 <sup>9</sup>	2.09	1.85	—	2.33	0.08	BS-2800M <sup>18</sup>	2.08	1.84	—	2.32	0.08
		BS-120 <sup>1</sup>	8.50	7.54	—	9.46	0.32	BS-400 <sup>10</sup>	8.58	7.62	—	9.54	0.32
		BS-200 <sup>2</sup>	8.58	7.62	—	9.54	0.32	BS-430 <sup>11</sup>	8.42	7.46	—	9.38	0.32
	mg/dL	BS-200E <sup>3</sup>	8.18	7.22	—	9.14	0.32	BS-480 <sup>12</sup>	8.46	7.50	—	9.42	0.32
		BS-240 <sup>4</sup>	8.58	7.62	—	9.54	0.32	BS-600 <sup>13</sup>	8.34	7.38	—	9.30	0.32
		BS-240E <sup>5</sup>	8.38	7.42	—	9.34	0.32	BS-600M <sup>14</sup>	8.54	7.58	—	9.50	0.32
		BS-300 <sup>6</sup>	8.46	7.50	—	9.42	0.32	BS-620M <sup>15</sup>	8.54	7.58	—	9.50	0.32
		BS-330E <sup>7</sup>	8.18	7.22	—	9.14	0.32	BS-800 <sup>16</sup>	8.54	7.58	—	9.50	0.32
		BS-360E <sup>8</sup>	8.26	7.30	—	9.22	0.32	BS-2000 <sup>17</sup>	8.46	7.50	—	9.42	0.32
		BS-380 <sup>9</sup>	8.38	7.42	—	9.34	0.32	BS-2800M <sup>18</sup>	8.34	7.38	—	9.30	0.32
		BS-120 <sup>1</sup>	1.37	1.16	—	1.58	0.07	BS-400 <sup>10</sup>	1.38	1.17	—	1.59	0.07
		BS-200 <sup>2</sup>	1.39	1.18	—	1.60	0.07	BS-430 <sup>11</sup>	1.39	1.18	—	1.60	0.07
<b>P</b>	mmol/L	BS-200E <sup>3</sup>	1.39	1.18	—	1.60	0.07	BS-480 <sup>12</sup>	1.36	1.15	—	1.57	0.07
		BS-240 <sup>4</sup>	1.36	1.15	—	1.57	0.07	BS-600 <sup>13</sup>	1.37	1.16	—	1.58	0.07
		BS-240E <sup>5</sup>	1.36	1.15	—	1.57	0.07	BS-600M <sup>14</sup>	1.41	1.20	—	1.62	0.07
		BS-300 <sup>6</sup>	1.35	1.14	—	1.56	0.07	BS-620M <sup>15</sup>	1.41	1.20	—	1.62	0.07
		BS-330E <sup>7</sup>	1.39	1.18	—	1.60	0.07	BS-800 <sup>16</sup>	1.38	1.17	—	1.59	0.07
		BS-360E <sup>8</sup>	1.33	1.12	—	1.54	0.07	BS-2000 <sup>17</sup>	1.39	1.18	—	1.60	0.07
		BS-380 <sup>9</sup>	1.38	1.17	—	1.59	0.07						
		BS-120 <sup>1</sup>	4.25	3.60	—	4.90	0.22	BS-400 <sup>10</sup>	4.28	3.63	—	4.93	0.22
		BS-200 <sup>2</sup>	4.31	3.66	—	4.96	0.22	BS-430 <sup>11</sup>	4.31	3.66	—	4.96	0.22
	mg/dL	BS-200E <sup>3</sup>	4.31	3.66	—	4.96	0.22	BS-480 <sup>12</sup>	4.22	3.57	—	4.87	0.22
		BS-240 <sup>4</sup>	4.22	3.57	—	4.87	0.22	BS-600 <sup>13</sup>	4.25	3.60	—	4.90	0.22
		BS-240E <sup>5</sup>	4.22	3.57	—	4.87	0.22	BS-600M <sup>14</sup>	4.37	3.72	—	5.02	0.22
		BS-300 <sup>6</sup>	4.19	3.53	—	4.84	0.22	BS-620M <sup>15</sup>	4.37	3.72	—	5.02	0.22
		BS-330E <sup>7</sup>	4.31	3.66	—	4.96	0.22	BS-800 <sup>16</sup>	4.28	3.63	—	4.93	0.22
		BS-360E <sup>8</sup>	4.12	3.47	—	4.77	0.22	BS-2000 <sup>17</sup>	4.31	3.66	—	4.96	0.22
		BS-380 <sup>9</sup>	4.28	3.63	—	4.93	0.22						
		BS-120 <sup>1</sup>	1.36	1.15	—	1.57	0.07	BS-400 <sup>10</sup>	1.35	1.14	—	1.56	0.07
		BS-200 <sup>2</sup>	1.36	1.15	—	1.57	0.07	BS-430 <sup>11</sup>	1.35	1.14	—	1.56	0.07
<b>P II</b>	mmol/L	BS-200E <sup>3</sup>	1.35	1.14	—	1.56	0.07	BS-480 <sup>12</sup>	1.36	1.15	—	1.57	0.07
		BS-240 <sup>4</sup>	1.35	1.14	—	1.56	0.07	BS-600 <sup>13</sup>	1.36	1.15	—	1.57	0.07
		BS-240E <sup>5</sup>	1.33	1.12	—	1.54	0.07	BS-600M <sup>14</sup>	1.36	1.15	—	1.57	0.07
		BS-300 <sup>6</sup>	1.36	1.15	—	1.57	0.07	BS-620M <sup>15</sup>	1.36	1.15	—	1.57	0.07
		BS-330E <sup>7</sup>	1.35	1.14	—	1.56	0.07	BS-800 <sup>16</sup>	1.36	1.15	—	1.57	0.07
		BS-360E <sup>8</sup>	1.35	1.14	—	1.56	0.07	BS-2000 <sup>17</sup>	1.36	1.15	—	1.57	0.07
		BS-380 <sup>9</sup>	1.35	1.14	—	1.56	0.07	BS-2800M <sup>18</sup>	1.36	1.15	—	1.57	0.07
		BS-120 <sup>1</sup>	4.22	3.57	—	4.87	0.22	BS-400 <sup>10</sup>	4.19	3.53	—	4.84	0.22
		BS-200 <sup>2</sup>	4.22	3.57	—	4.87	0.22	BS-430 <sup>11</sup>	4.19	3.53	—	4.84	0.22
	mg/dL	BS-200E <sup>3</sup>	4.19	3.53	—	4.84	0.22	BS-480 <sup>12</sup>	4.22	3.57	—	4.87	0.22
		BS-240 <sup>4</sup>	4.19	3.53	—	4.84	0.22	BS-600 <sup>13</sup>	4.22	3.57	—	4.87	0.22
		BS-240E <sup>5</sup>	4.12	3.47	—	4.77	0.22	BS-600M <sup>14</sup>	4.22	3.57	—	4.87	0.22

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>P II</b>	mg/dL	<b>BS-300<sup>6</sup></b>	4.22	3.57	—	4.87	0.22	<b>BS-620M<sup>15</sup></b>	4.22	3.57	—	4.87	0.22
		<b>BS-330E<sup>7</sup></b>	4.19	3.53	—	4.84	0.22	<b>BS-800<sup>16</sup></b>	4.22	3.57	—	4.87	0.22
		<b>BS-360E<sup>8</sup></b>	4.19	3.53	—	4.84	0.22	<b>BS-2000<sup>17</sup></b>	4.22	3.57	—	4.87	0.22
		<b>BS-380<sup>9</sup></b>	4.19	3.53	—	4.84	0.22	<b>BS-2800M<sup>18</sup></b>	4.22	3.57	—	4.87	0.22
<b>TC</b>	mmol/L	<b>BS-120<sup>1</sup></b>	2.77	2.41	—	3.13	0.12	<b>BS-400<sup>10</sup></b>	2.74	2.38	—	3.10	0.12
		<b>BS-200<sup>2</sup></b>	2.69	2.33	—	3.05	0.12	<b>BS-430<sup>11</sup></b>	2.75	2.39	—	3.11	0.12
		<b>BS-200E<sup>3</sup></b>	2.74	2.38	—	3.10	0.12	<b>BS-480<sup>12</sup></b>	2.75	2.39	—	3.11	0.12
		<b>BS-240<sup>4</sup></b>	2.78	2.39	—	3.17	0.13	<b>BS-600<sup>13</sup></b>	2.75	2.39	—	3.11	0.12
		<b>BS-240E<sup>5</sup></b>	2.70	2.34	—	3.06	0.12	<b>BS-600M<sup>14</sup></b>	2.74	2.38	—	3.10	0.12
		<b>BS-300<sup>6</sup></b>	2.77	2.41	—	3.13	0.12	<b>BS-620M<sup>15</sup></b>	2.74	2.38	—	3.10	0.12
	mg/dL	<b>BS-330E<sup>7</sup></b>	2.74	2.38	—	3.10	0.12	<b>BS-800<sup>16</sup></b>	2.75	2.39	—	3.11	0.12
		<b>BS-360E<sup>8</sup></b>	2.71	2.35	—	3.07	0.12	<b>BS-2000<sup>17</sup></b>	2.75	2.39	—	3.11	0.12
		<b>BS-380<sup>9</sup></b>	2.74	2.38	—	3.10	0.12	<b>BS-2800M<sup>18</sup></b>	2.74	2.38	—	3.10	0.12
		<b>BS-120<sup>1</sup></b>	107	93	—	121	5	<b>BS-400<sup>10</sup></b>	106	92	—	120	5
		<b>BS-200<sup>2</sup></b>	104	90	—	118	5	<b>BS-430<sup>11</sup></b>	106	92	—	120	5
		<b>BS-200E<sup>3</sup></b>	106	92	—	120	5	<b>BS-480<sup>12</sup></b>	106	92	—	120	5
<b>TG</b>	mmol/L	<b>BS-240<sup>4</sup></b>	107	92	—	123	5	<b>BS-600<sup>13</sup></b>	106	92	—	120	5
		<b>BS-240E<sup>5</sup></b>	104	90	—	118	5	<b>BS-600M<sup>14</sup></b>	106	92	—	120	5
		<b>BS-300<sup>6</sup></b>	107	93	—	121	5	<b>BS-620M<sup>15</sup></b>	106	92	—	120	5
		<b>BS-330E<sup>7</sup></b>	106	92	—	120	5	<b>BS-800<sup>16</sup></b>	106	92	—	120	5
		<b>BS-360E<sup>8</sup></b>	105	91	—	119	5	<b>BS-2000<sup>17</sup></b>	106	92	—	120	5
		<b>BS-380<sup>9</sup></b>	106	92	—	120	5	<b>BS-2800M<sup>18</sup></b>	106	92	—	120	5
	mg/dL	<b>BS-120<sup>1</sup></b>	1.27	1.09	—	1.45	0.06	<b>BS-400<sup>10</sup></b>	1.27	1.09	—	1.45	0.06
		<b>BS-200<sup>2</sup></b>	1.28	1.10	—	1.46	0.06	<b>BS-430<sup>11</sup></b>	1.29	1.11	—	1.47	0.06
		<b>BS-200E<sup>3</sup></b>	1.29	1.11	—	1.47	0.06	<b>BS-480<sup>12</sup></b>	1.26	1.08	—	1.44	0.06
		<b>BS-240<sup>4</sup></b>	1.28	1.10	—	1.46	0.06	<b>BS-600<sup>13</sup></b>	1.27	1.09	—	1.45	0.06
		<b>BS-240E<sup>5</sup></b>	1.26	1.08	—	1.44	0.06	<b>BS-600M<sup>14</sup></b>	1.29	1.11	—	1.47	0.06
		<b>BS-300<sup>6</sup></b>	1.26	1.08	—	1.44	0.06	<b>BS-620M<sup>15</sup></b>	1.29	1.11	—	1.47	0.06
<b>K+</b>	mmol/L	<b>BS-330E<sup>7</sup></b>	1.29	1.11	—	1.47	0.06	<b>BS-800<sup>16</sup></b>	1.30	1.12	—	1.48	0.06
		<b>BS-360E<sup>8</sup></b>	1.27	1.09	—	1.45	0.06	<b>BS-2000<sup>17</sup></b>	1.29	1.11	—	1.47	0.06
		<b>BS-380<sup>9</sup></b>	1.26	1.08	—	1.44	0.06	<b>BS-2800M<sup>18</sup></b>	1.29	1.11	—	1.47	0.06
		<b>BS-120<sup>1</sup></b>	112	96	—	128	5	<b>BS-400<sup>10</sup></b>	112	96	—	128	5
		<b>BS-200<sup>2</sup></b>	113	97	—	129	5	<b>BS-430<sup>11</sup></b>	114	98	—	130	5
		<b>BS-200E<sup>3</sup></b>	114	98	—	130	5	<b>BS-480<sup>12</sup></b>	112	96	—	127	5
	mg/dL	<b>BS-240<sup>4</sup></b>	113	97	—	129	5	<b>BS-600<sup>13</sup></b>	112	96	—	128	5
		<b>BS-240E<sup>5</sup></b>	112	96	—	127	5	<b>BS-600M<sup>14</sup></b>	114	98	—	130	5
		<b>BS-300<sup>6</sup></b>	112	96	—	127	5	<b>BS-620M<sup>15</sup></b>	114	98	—	130	5
		<b>BS-330E<sup>7</sup></b>	114	98	—	130	5	<b>BS-800<sup>16</sup></b>	115	99	—	131	5
		<b>BS-360E<sup>8</sup></b>	112	96	—	128	5	<b>BS-2000<sup>17</sup></b>	114	98	—	130	5
		<b>BS-380<sup>9</sup></b>	112	96	—	127	5	<b>BS-2800M<sup>18</sup></b>	114	98	—	130	5
<b>K+</b>	mmol/L	<b>BS-120<sup>1</sup></b>	3.83	3.44	—	4.22	0.13	<b>BS-380<sup>9</sup></b>	3.83	3.44	—	4.22	0.13
		<b>BS-200<sup>2</sup></b>	3.83	3.44	—	4.22	0.13	<b>BS-400<sup>10</sup></b>	3.83	3.44	—	4.22	0.13
		<b>BS-200E<sup>3</sup></b>	3.83	3.44	—	4.22	0.13	<b>BS-430<sup>11</sup></b>	3.80	3.41	—	4.19	0.13
		<b>BS-240<sup>4</sup></b>	3.83	3.44	—	4.22	0.13	<b>BS-480<sup>12</sup></b>	3.90	3.51	—	4.29	0.13
		<b>BS-240E<sup>5</sup></b>	3.71	3.35	—	4.07	0.12	<b>BS-600<sup>13</sup></b>	3.72	3.36	—	4.08	0.12
		<b>BS-300<sup>6</sup></b>	3.83	3.44	—	4.22	0.13	<b>BS-600M<sup>14</sup></b>	4.04	3.65	—	4.43	0.13
		<b>BS-330E<sup>7</sup></b>	3.83	3.44	—	4.22	0.13	<b>BS-620M<sup>15</sup></b>	4.04	3.65	—	4.43	0.13
		<b>BS-360E<sup>8</sup></b>	3.83	3.44	—	4.22	0.13						

# ClinChem Multi Control (level 1)



Abbreviated name	Unit	Model	Assay Value	Range(Assay Value $\pm$ 3SD)		1 SD	Model	Assay Value	Range(Assay Value $\pm$ 3SD)		1 SD			
K+	mmol/L	BS-800 <sup>16</sup>	3.71	3.35	—	4.07	0.12	BS-2800M <sup>18</sup>	3.69	3.33	—	4.05	0.12	
		BS-2000 <sup>17</sup>	3.71	3.35	—	4.07	0.12							
Na+	mmol/L	BS-120 <sup>1</sup>	122	110	—	134	4	BS-380 <sup>9</sup>	123	111	—	135	4	
		BS-200 <sup>2</sup>	122	110	—	134	4	BS-400 <sup>10</sup>	122	110	—	134	4	
		BS-200E <sup>3</sup>	122	110	—	134	4	BS-430 <sup>11</sup>	121	109	—	133	4	
		BS-240 <sup>4</sup>	122	110	—	134	4	BS-480 <sup>12</sup>	125	113	—	137	4	
		BS-240E <sup>5</sup>	120	108	—	132	4	BS-600 <sup>13</sup>	121	109	—	133	4	
		BS-300 <sup>6</sup>	122	110	—	134	4	BS-600M <sup>14</sup>	123	111	—	135	4	
		BS-330E <sup>7</sup>	122	110	—	134	4	BS-620M <sup>15</sup>	123	111	—	135	4	
		BS-360E <sup>8</sup>	122	110	—	134	4							
		mmol/L	BS-800 <sup>16</sup>	113	101	—	125	4	BS-2800M <sup>18</sup>	113	101	—	125	4
			BS-2000 <sup>17</sup>	113	101	—	125	4						
Cl-	mmol/L	BS-120 <sup>1</sup>	88.5	79.8	—	97.2	2.9	BS-380 <sup>9</sup>	89.9	80.9	—	98.9	3.0	
		BS-200 <sup>2</sup>	88.5	79.8	—	97.2	2.9	BS-400 <sup>10</sup>	88.5	79.8	—	97.2	2.9	
		BS-200E <sup>3</sup>	88.5	79.8	—	97.2	2.9	BS-430 <sup>11</sup>	88.7	80.0	—	97.4	2.9	
		BS-240 <sup>4</sup>	88.5	79.8	—	97.2	2.9	BS-480 <sup>12</sup>	90.4	81.4	—	99.4	3.0	
		BS-240E <sup>5</sup>	87.7	79.0	—	96.4	2.9	BS-600 <sup>13</sup>	86.6	77.9	—	95.3	2.9	
		BS-300 <sup>6</sup>	88.5	79.8	—	97.2	2.9	BS-600M <sup>14</sup>	91.2	82.2	—	100.2	3.0	
		BS-330E <sup>7</sup>	88.5	79.8	—	97.2	2.9	BS-620M <sup>15</sup>	91.2	82.2	—	100.2	3.0	
		BS-360E <sup>8</sup>	88.5	79.8	—	97.2	2.9							
		mmol/L	BS-800 <sup>16</sup>	90.0	81.0	—	99.0	3.0	BS-2800M <sup>18</sup>	89.5	80.5	—	98.5	3.0
			BS-2000 <sup>17</sup>	90.0	81.0	—	99.0	3.0						



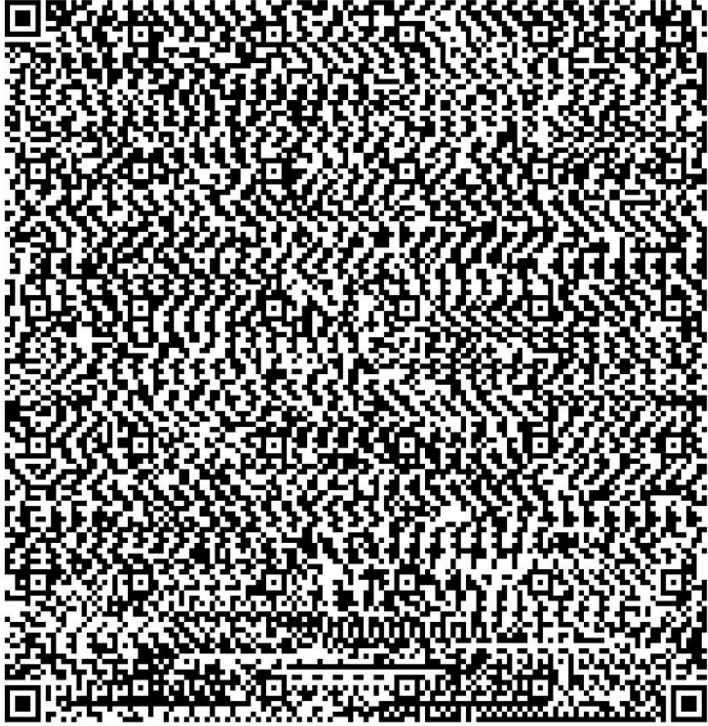
**mindray**

**ClinChem Multi Control (level 1)**

For use on: BS-2800M

**LOT 059323009**

**2025-07-25**



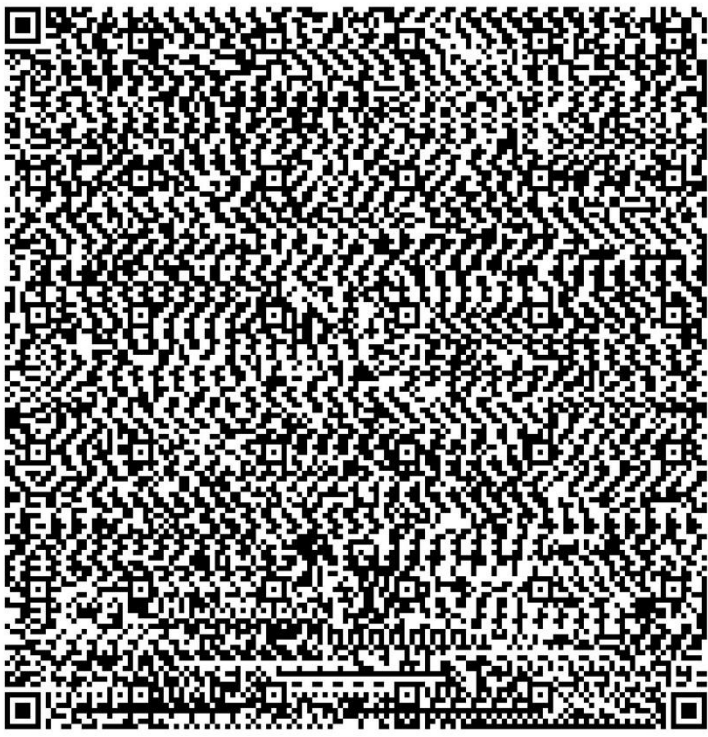
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**ClinChem Multi Control (level 1)**

For use on: BS-2000

**LOT 059323009**

**2025-07-25**





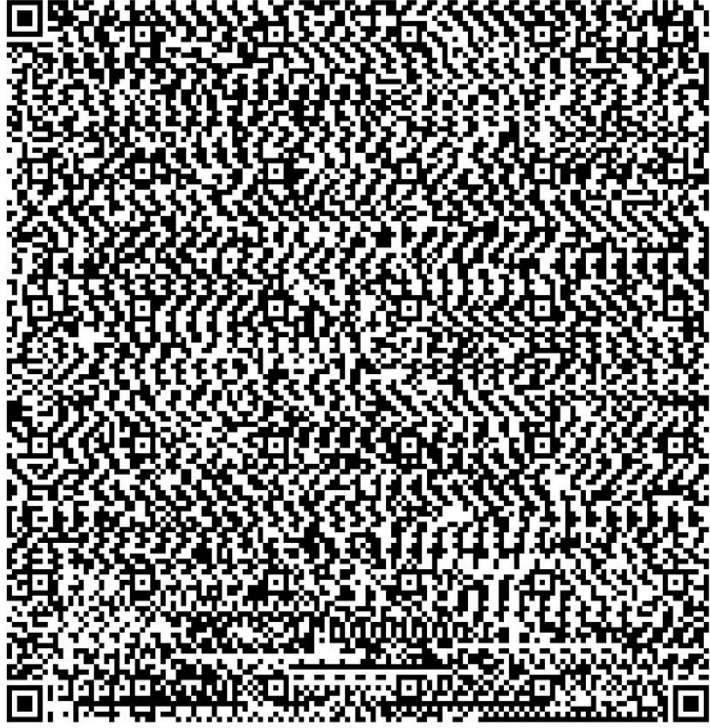
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**ClinChem Multi Control (level 1)**

For use on: BS-620M

**LOT 059323009**

**2025-07-25**



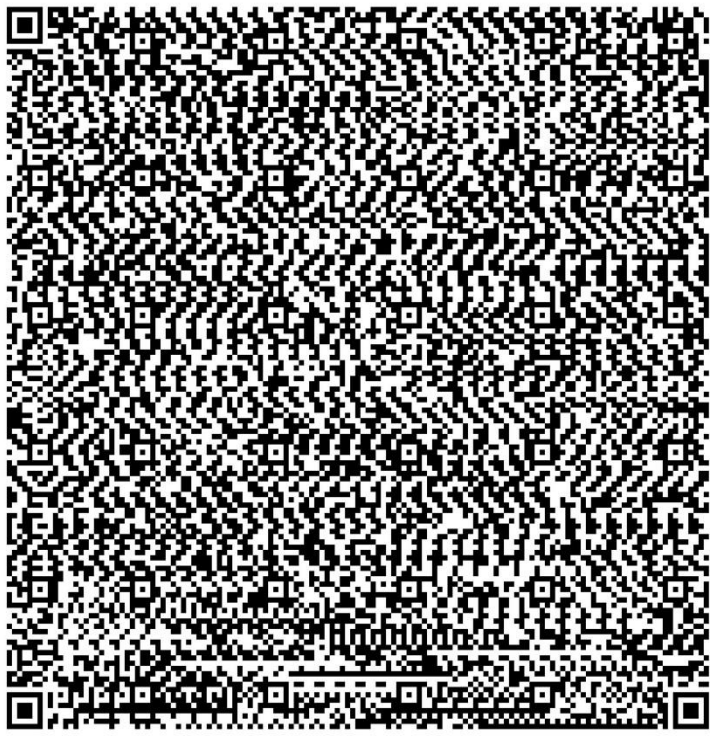
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**ClinChem Multi Control (level 1)**

For use on: BS-600M

**LOT 059323009**

**2025-07-25**



# **mindray**

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

For use on: BS-800

**LOT** 059323009

**EXP** 2025-07-25

