

## 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 : 059423012**

**🕒 : 2025-11-23**

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	Аспаратаминотрансфераза	
<b>Português</b>	Albumina	Fosfatase Alcalina	Alanina Aminotransferase	α-Amilase	Aspartato Aminotransferase	
<b>Español</b>	Albúmina	Fosfatasa alcalina	Alanina aminotransferasa	α-amilasa	Aspartato aminotransferasa	
<b>Italiano</b>	Albumina	Fosfatasi alcalina	Alanina aminotransferasi	α-amilasi	Aspartato aminotransferasi	
<b>Türkçe</b>	Albümin	Alkalin Fosfataz	Alanin Aminotransferaz	α-Amilaz	Aspartat Aminotransferaz	
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 Glutamyl 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	
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-Hidroxitburitato Desidrogenase	Apolipoproteína A1	Apolipoproteína B	complemento C3		
<b>Español</b>	α-hidroxibutirato deshidrogenasa	Apolipoproteína A1	Apolipoproteína B	complemento C3		

<b>Italiano</b>	α-drossibutirrato 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>α-AMY</b>	U/L	<b>BS-120<sup>1</sup></b>	208	178	—	238	10	<b>BS-400<sup>10</sup></b>	210	177	—	243	11
		<b>BS-200<sup>2</sup></b>	203	173	—	233	10	<b>BS-430<sup>11</sup></b>	209	179	—	239	10
		<b>BS-200E<sup>3</sup></b>	203	173	—	233	10	<b>BS-480<sup>12</sup></b>	208	178	—	238	10
		<b>BS-240<sup>4</sup></b>	210	177	—	243	11	<b>BS-600<sup>13</sup></b>	207	177	—	237	10
		<b>BS-240E<sup>5</sup></b>	206	176	—	236	10	<b>BS-600M<sup>14</sup></b>	208	178	—	238	10
		<b>BS-300<sup>6</sup></b>	211	178	—	244	11	<b>BS-620M<sup>15</sup></b>	208	178	—	238	10
		<b>BS-330E<sup>7</sup></b>	203	173	—	233	10	<b>BS-800<sup>16</sup></b>	207	177	—	237	10
		<b>BS-360E<sup>8</sup></b>	208	178	—	238	10	<b>BS-2000<sup>17</sup></b>	210	177	—	243	11
	<b>BS-380<sup>9</sup></b>	210	177	—	243	11	<b>BS-2800M<sup>18</sup></b>	208	178	—	238	10	
	µkat/L	<b>BS-120<sup>1</sup></b>	3.47	2.97	—	3.97	0.17	<b>BS-400<sup>10</sup></b>	3.51	2.96	—	4.06	0.18
		<b>BS-200<sup>2</sup></b>	3.39	2.89	—	3.89	0.17	<b>BS-430<sup>11</sup></b>	3.49	2.99	—	3.99	0.17
		<b>BS-200E<sup>3</sup></b>	3.39	2.89	—	3.89	0.17	<b>BS-480<sup>12</sup></b>	3.47	2.97	—	3.97	0.17
		<b>BS-240<sup>4</sup></b>	3.51	2.96	—	4.06	0.18	<b>BS-600<sup>13</sup></b>	3.46	2.96	—	3.96	0.17
		<b>BS-240E<sup>5</sup></b>	3.44	2.94	—	3.94	0.17	<b>BS-600M<sup>14</sup></b>	3.47	2.97	—	3.97	0.17
<b>BS-300<sup>6</sup></b>		3.52	2.97	—	4.07	0.18	<b>BS-620M<sup>15</sup></b>	3.47	2.97	—	3.97	0.17	
<b>BS-330E<sup>7</sup></b>	3.39	2.89	—	3.89	0.17	<b>BS-800<sup>16</sup></b>	3.46	2.96	—	3.96	0.17		

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>α-AMY</b>	μkat/L	<b>BS-360E<sup>8</sup></b>	3.47	2.97	—	3.97	0.17	<b>BS-2000<sup>17</sup></b>	3.51	2.96	—	4.06	0.18
		<b>BS-380<sup>9</sup></b>	3.51	2.96	—	4.06	0.18	<b>BS-2800M<sup>18</sup></b>	3.47	2.97	—	3.97	0.17
<b>ASO II</b>	IU/mL	<b>BS-200E<sup>3</sup></b>	256	166	—	346	30	<b>BS-480<sup>12</sup></b>	257	167	—	347	30
		<b>BS-240<sup>4</sup></b>	257	167	—	347	30	<b>BS-600<sup>13</sup></b>	257	167	—	347	30
		<b>BS-240E<sup>5</sup></b>	257	167	—	347	30	<b>BS-600M<sup>14</sup></b>	258	168	—	348	30
		<b>BS-360E<sup>8</sup></b>	257	167	—	347	30	<b>BS-620M<sup>15</sup></b>	258	168	—	348	30
		<b>BS-380<sup>9</sup></b>	256	166	—	346	30	<b>BS-800<sup>16</sup></b>	257	167	—	347	30
	U/L	<b>BS-400<sup>10</sup></b>	256	166	—	346	30	<b>BS-2000<sup>17</sup></b>	256	166	—	346	30
		<b>BS-430<sup>11</sup></b>	257	167	—	347	30	<b>BS-2800M<sup>18</sup></b>	258	168	—	348	30
		<b>BS-120<sup>1</sup></b>	150	126	—	174	8	<b>BS-400<sup>10</sup></b>	149	128	—	170	7
		<b>BS-200<sup>2</sup></b>	147	126	—	168	7	<b>BS-430<sup>11</sup></b>	149	128	—	170	7
		<b>BS-200E<sup>3</sup></b>	146	125	—	167	7	<b>BS-480<sup>12</sup></b>	149	128	—	170	7
		<b>BS-240<sup>4</sup></b>	148	127	—	169	7	<b>BS-600<sup>13</sup></b>	149	128	—	170	7
<b>AST</b>	U/L	<b>BS-240E<sup>5</sup></b>	149	128	—	170	7	<b>BS-600M<sup>14</sup></b>	149	128	—	170	7
		<b>BS-300<sup>6</sup></b>	149	128	—	170	7	<b>BS-620M<sup>15</sup></b>	149	128	—	170	7
		<b>BS-330E<sup>7</sup></b>	146	125	—	167	7	<b>BS-800<sup>16</sup></b>	149	128	—	170	7
		<b>BS-360E<sup>8</sup></b>	149	128	—	170	7	<b>BS-2000<sup>17</sup></b>	152	128	—	176	8
		<b>BS-380<sup>9</sup></b>	149	128	—	170	7	<b>BS-2800M<sup>18</sup></b>	149	128	—	170	7
	μkat/L	<b>BS-120<sup>1</sup></b>	2.51	2.10	—	2.91	0.13	<b>BS-400<sup>10</sup></b>	2.49	2.14	—	2.84	0.12
		<b>BS-200<sup>2</sup></b>	2.45	2.10	—	2.81	0.12	<b>BS-430<sup>11</sup></b>	2.49	2.14	—	2.84	0.12
		<b>BS-200E<sup>3</sup></b>	2.44	2.09	—	2.79	0.12	<b>BS-480<sup>12</sup></b>	2.49	2.14	—	2.84	0.12
		<b>BS-240<sup>4</sup></b>	2.47	2.12	—	2.82	0.12	<b>BS-600<sup>13</sup></b>	2.49	2.14	—	2.84	0.12
		<b>BS-240E<sup>5</sup></b>	2.49	2.14	—	2.84	0.12	<b>BS-600M<sup>14</sup></b>	2.49	2.14	—	2.84	0.12
		<b>BS-300<sup>6</sup></b>	2.49	2.14	—	2.84	0.12	<b>BS-620M<sup>15</sup></b>	2.49	2.14	—	2.84	0.12
<b>CK-MB</b>	U/L	<b>BS-330E<sup>7</sup></b>	2.44	2.09	—	2.79	0.12	<b>BS-800<sup>16</sup></b>	2.49	2.14	—	2.84	0.12
		<b>BS-360E<sup>8</sup></b>	2.49	2.14	—	2.84	0.12	<b>BS-2000<sup>17</sup></b>	2.54	2.14	—	2.94	0.13
		<b>BS-380<sup>9</sup></b>	2.49	2.14	—	2.84	0.12	<b>BS-2800M<sup>18</sup></b>	2.49	2.14	—	2.84	0.12
		<b>BS-120<sup>1</sup></b>	93.9	72.9	—	114.9	7.0	<b>BS-400<sup>10</sup></b>	97.7	75.8	—	119.6	7.3
		<b>BS-200<sup>2</sup></b>	94.7	73.4	—	116.0	7.1	<b>BS-430<sup>11</sup></b>	96.8	74.9	—	118.7	7.3
	μkat/L	<b>BS-200E<sup>3</sup></b>	94.3	73.0	—	115.6	7.1	<b>BS-480<sup>12</sup></b>	96.6	75.0	—	118.2	7.2
		<b>BS-240<sup>4</sup></b>	94.2	72.9	—	115.5	7.1	<b>BS-600<sup>13</sup></b>	98.4	76.2	—	120.6	7.4
		<b>BS-240E<sup>5</sup></b>	97.0	75.1	—	118.9	7.3	<b>BS-600M<sup>14</sup></b>	99.0	76.8	—	121.2	7.4
		<b>BS-300<sup>6</sup></b>	101	77	—	125	8	<b>BS-620M<sup>15</sup></b>	99.0	76.8	—	121.2	7.4
		<b>BS-330E<sup>7</sup></b>	94.3	73.0	—	115.6	7.1	<b>BS-800<sup>16</sup></b>	98.2	76.0	—	120.4	7.4
		<b>BS-360E<sup>8</sup></b>	96.2	74.6	—	117.8	7.2	<b>BS-2000<sup>17</sup></b>	97.8	75.9	—	119.7	7.3
<b>Glu (HK)</b>	U/L	<b>BS-380<sup>9</sup></b>	100	76	—	124	8	<b>BS-2800M<sup>18</sup></b>	98.6	76.4	—	120.8	7.4
		<b>BS-120<sup>1</sup></b>	1.57	1.22	—	1.92	0.12	<b>BS-400<sup>10</sup></b>	1.63	1.27	—	2.00	0.12
		<b>BS-200<sup>2</sup></b>	1.58	1.23	—	1.94	0.12	<b>BS-430<sup>11</sup></b>	1.62	1.25	—	1.98	0.12
		<b>BS-200E<sup>3</sup></b>	1.57	1.22	—	1.93	0.12	<b>BS-480<sup>12</sup></b>	1.61	1.25	—	1.97	0.12
		<b>BS-240<sup>4</sup></b>	1.57	1.22	—	1.93	0.12	<b>BS-600<sup>13</sup></b>	1.64	1.27	—	2.01	0.12
	μkat/L	<b>BS-240E<sup>5</sup></b>	1.62	1.25	—	1.99	0.12	<b>BS-600M<sup>14</sup></b>	1.65	1.28	—	2.02	0.12
		<b>BS-300<sup>6</sup></b>	1.69	1.29	—	2.09	0.13	<b>BS-620M<sup>15</sup></b>	1.65	1.28	—	2.02	0.12
		<b>BS-330E<sup>7</sup></b>	1.57	1.22	—	1.93	0.12	<b>BS-800<sup>16</sup></b>	1.64	1.27	—	2.01	0.12
		<b>BS-360E<sup>8</sup></b>	1.61	1.25	—	1.97	0.12	<b>BS-2000<sup>17</sup></b>	1.63	1.27	—	2.00	0.12
		<b>BS-380<sup>9</sup></b>	1.67	1.27	—	2.07	0.13	<b>BS-2800M<sup>18</sup></b>	1.65	1.28	—	2.02	0.12
		<b>BS-120<sup>1</sup></b>	13.7	11.6	—	15.8	0.7	<b>BS-400<sup>10</sup></b>	14.0	11.9	—	16.1	0.7
<b>Glu (HK)</b>	mmol/L	<b>BS-200<sup>2</sup></b>	13.7	11.6	—	15.8	0.7	<b>BS-430<sup>11</sup></b>	14.0	11.9	—	16.1	0.7
		<b>BS-200E<sup>3</sup></b>	13.9	11.8	—	16.0	0.7	<b>BS-480<sup>12</sup></b>	13.8	11.7	—	15.9	0.7

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
Glu (HK)	mmol/L	BS-240 <sup>4</sup>	13.8	11.7	—	15.9	0.7	BS-600 <sup>13</sup>	13.9	11.8	—	16.0	0.7
		BS-240E <sup>5</sup>	13.7	11.6	—	15.8	0.7	BS-600M <sup>14</sup>	14.0	11.9	—	16.1	0.7
		BS-300 <sup>6</sup>	14.0	11.9	—	16.1	0.7	BS-620M <sup>15</sup>	14.0	11.9	—	16.1	0.7
		BS-330E <sup>7</sup>	13.9	11.8	—	16.0	0.7	BS-800 <sup>16</sup>	14.0	11.9	—	16.1	0.7
		BS-360E <sup>8</sup>	13.6	11.5	—	15.7	0.7	BS-2000 <sup>17</sup>	13.8	11.7	—	15.9	0.7
		BS-380 <sup>9</sup>	14.2	12.1	—	16.3	0.7	BS-2800M <sup>18</sup>	13.9	11.8	—	16.0	0.7
		BS-120 <sup>1</sup>	247	209	—	285	13	BS-400 <sup>10</sup>	252	214	—	290	13
		BS-200 <sup>2</sup>	247	209	—	285	13	BS-430 <sup>11</sup>	252	214	—	290	13
		BS-200E <sup>3</sup>	250	213	—	288	13	BS-480 <sup>12</sup>	249	211	—	286	13
	mg/dL	BS-240 <sup>4</sup>	249	211	—	286	13	BS-600 <sup>13</sup>	250	213	—	288	13
		BS-240E <sup>5</sup>	247	209	—	285	13	BS-600M <sup>14</sup>	252	214	—	290	13
		BS-300 <sup>6</sup>	252	214	—	290	13	BS-620M <sup>15</sup>	252	214	—	290	13
		BS-330E <sup>7</sup>	250	213	—	288	13	BS-800 <sup>16</sup>	252	214	—	290	13
		BS-360E <sup>8</sup>	245	207	—	283	13	BS-2000 <sup>17</sup>	249	211	—	286	13
		BS-380 <sup>9</sup>	256	218	—	294	13	BS-2800M <sup>18</sup>	250	213	—	288	13
		BS-120 <sup>1</sup>	131	110	—	152	7	BS-400 <sup>10</sup>	133	112	—	154	7
		BS-200 <sup>2</sup>	131	110	—	152	7	BS-430 <sup>11</sup>	131	110	—	152	7
		BS-200E <sup>3</sup>	128	110	—	146	6	BS-480 <sup>12</sup>	131	110	—	152	7
U/L	BS-240 <sup>4</sup>	131	110	—	152	7	BS-600 <sup>13</sup>	131	110	—	152	7	
	BS-240E <sup>5</sup>	130	109	—	151	7	BS-600M <sup>14</sup>	130	109	—	151	7	
	BS-300 <sup>6</sup>	132	111	—	153	7	BS-620M <sup>15</sup>	130	109	—	151	7	
	BS-330E <sup>7</sup>	128	110	—	146	6	BS-800 <sup>16</sup>	131	110	—	152	7	
	BS-360E <sup>8</sup>	131	110	—	152	7	BS-2000 <sup>17</sup>	132	111	—	153	7	
	BS-380 <sup>9</sup>	133	112	—	154	7	BS-2800M <sup>18</sup>	130	109	—	151	7	
	BS-120 <sup>1</sup>	2.19	1.84	—	2.54	0.12	BS-400 <sup>10</sup>	2.22	1.87	—	2.57	0.12	
	BS-200 <sup>2</sup>	2.19	1.84	—	2.54	0.12	BS-430 <sup>11</sup>	2.19	1.84	—	2.54	0.12	
	BS-200E <sup>3</sup>	2.14	1.84	—	2.44	0.10	BS-480 <sup>12</sup>	2.19	1.84	—	2.54	0.12	
μkat/L	BS-240 <sup>4</sup>	2.19	1.84	—	2.54	0.12	BS-600 <sup>13</sup>	2.19	1.84	—	2.54	0.12	
	BS-240E <sup>5</sup>	2.17	1.82	—	2.52	0.12	BS-600M <sup>14</sup>	2.17	1.82	—	2.52	0.12	
	BS-300 <sup>6</sup>	2.20	1.85	—	2.56	0.12	BS-620M <sup>15</sup>	2.17	1.82	—	2.52	0.12	
	BS-330E <sup>7</sup>	2.14	1.84	—	2.44	0.10	BS-800 <sup>16</sup>	2.19	1.84	—	2.54	0.12	
	BS-360E <sup>8</sup>	2.19	1.84	—	2.54	0.12	BS-2000 <sup>17</sup>	2.20	1.85	—	2.56	0.12	
	BS-380 <sup>9</sup>	2.22	1.87	—	2.57	0.12	BS-2800M <sup>18</sup>	2.17	1.82	—	2.52	0.12	
	BS-120 <sup>1</sup>	303	258	—	348	15	BS-400 <sup>10</sup>	305	260	—	350	15	
	BS-200 <sup>2</sup>	303	258	—	348	15	BS-430 <sup>11</sup>	307	262	—	352	15	
	BS-200E <sup>3</sup>	305	260	—	350	15	BS-480 <sup>12</sup>	307	262	—	352	15	
U/L	BS-240 <sup>4</sup>	306	261	—	351	15	BS-600 <sup>13</sup>	307	262	—	352	15	
	BS-240E <sup>5</sup>	307	262	—	352	15	BS-600M <sup>14</sup>	309	264	—	354	15	
	BS-300 <sup>6</sup>	305	260	—	350	15	BS-620M <sup>15</sup>	309	264	—	354	15	
	BS-330E <sup>7</sup>	305	260	—	350	15	BS-800 <sup>16</sup>	307	262	—	352	15	
	BS-360E <sup>8</sup>	307	262	—	352	15	BS-2000 <sup>17</sup>	309	264	—	354	15	
	BS-380 <sup>9</sup>	305	260	—	350	15	BS-2800M <sup>18</sup>	309	264	—	354	15	
	BS-120 <sup>1</sup>	5.06	4.31	—	5.81	0.25	BS-400 <sup>10</sup>	5.09	4.34	—	5.85	0.25	
	BS-200 <sup>2</sup>	5.06	4.31	—	5.81	0.25	BS-430 <sup>11</sup>	5.13	4.38	—	5.88	0.25	
	BS-200E <sup>3</sup>	5.09	4.34	—	5.85	0.25	BS-480 <sup>12</sup>	5.13	4.38	—	5.88	0.25	
μkat/L	BS-240 <sup>4</sup>	5.11	4.36	—	5.86	0.25	BS-600 <sup>13</sup>	5.13	4.38	—	5.88	0.25	
	BS-240E <sup>5</sup>	5.13	4.38	—	5.88	0.25	BS-600M <sup>14</sup>	5.16	4.41	—	5.91	0.25	
	BS-300 <sup>6</sup>	5.09	4.34	—	5.85	0.25	BS-620M <sup>15</sup>	5.16	4.41	—	5.91	0.25	

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>α-HBDH</b>	μkat/L	<b>BS-330E<sup>7</sup></b>	5.09	4.34	—	5.85	0.25	<b>BS-800<sup>16</sup></b>	5.13	4.38	—	5.88	0.25
		<b>BS-360E<sup>8</sup></b>	5.13	4.38	—	5.88	0.25	<b>BS-2000<sup>17</sup></b>	5.16	4.41	—	5.91	0.25
		<b>BS-380<sup>9</sup></b>	5.09	4.34	—	5.85	0.25	<b>BS-2800M<sup>18</sup></b>	5.16	4.41	—	5.91	0.25
<b>CHE</b>	U/L	<b>BS-200<sup>2</sup></b>	8794	7027	—	10561	589	<b>BS-430<sup>11</sup></b>	8937	7140	—	10734	599
		<b>BS-200E<sup>3</sup></b>	8573	6851	—	10295	574	<b>BS-480<sup>12</sup></b>	8889	7101	—	10677	596
		<b>BS-240<sup>4</sup></b>	8901	7113	—	10689	596	<b>BS-600<sup>13</sup></b>	8937	7140	—	10734	599
		<b>BS-240E<sup>5</sup></b>	8737	6982	—	10492	585	<b>BS-600M<sup>14</sup></b>	8933	7136	—	10730	599
		<b>BS-300<sup>6</sup></b>	8838	7062	—	10614	592	<b>BS-620M<sup>15</sup></b>	8933	7136	—	10730	599
		<b>BS-330E<sup>7</sup></b>	8573	6851	—	10295	574	<b>BS-800<sup>16</sup></b>	8937	7140	—	10734	599
		<b>BS-360E<sup>8</sup></b>	8779	7015	—	10543	588	<b>BS-2000<sup>17</sup></b>	8905	7114	—	10696	597
		<b>BS-380<sup>9</sup></b>	8946	7149	—	10743	599	<b>BS-2800M<sup>18</sup></b>	8933	7136	—	10730	599
		<b>BS-400<sup>10</sup></b>	8946	7149	—	10743	599						
		<b>BS-200<sup>2</sup></b>	147	117	—	176	10	<b>BS-430<sup>11</sup></b>	149	119	—	179	10
<b>BS-200E<sup>3</sup></b>	143	114	—	172	10	<b>BS-480<sup>12</sup></b>	148	119	—	178	10		
<b>BS-240<sup>4</sup></b>	149	119	—	179	10	<b>BS-600<sup>13</sup></b>	149	119	—	179	10		
<b>BS-240E<sup>5</sup></b>	146	117	—	175	10	<b>BS-600M<sup>14</sup></b>	149	119	—	179	10		
<b>BS-300<sup>6</sup></b>	148	118	—	177	10	<b>BS-620M<sup>15</sup></b>	149	119	—	179	10		
<b>BS-330E<sup>7</sup></b>	143	114	—	172	10	<b>BS-800<sup>16</sup></b>	149	119	—	179	10		
<b>BS-360E<sup>8</sup></b>	147	117	—	176	10	<b>BS-2000<sup>17</sup></b>	149	119	—	179	10		
<b>BS-380<sup>9</sup></b>	149	119	—	179	10	<b>BS-2800M<sup>18</sup></b>	149	119	—	179	10		
<b>BS-400<sup>10</sup></b>	149	119	—	179	10								
<b>Bil-D (DSA) II</b>	μmol/L	<b>BS-120<sup>1</sup></b>	46.0	35.5	—	56.5	3.5	<b>BS-400<sup>10</sup></b>	46.0	35.5	—	56.5	3.5
		<b>BS-200<sup>2</sup></b>	46.2	35.7	—	56.7	3.5	<b>BS-430<sup>11</sup></b>	46.3	35.8	—	56.8	3.5
		<b>BS-200E<sup>3</sup></b>	45.9	35.7	—	56.1	3.4	<b>BS-480<sup>12</sup></b>	46.1	35.6	—	56.6	3.5
		<b>BS-240<sup>4</sup></b>	45.8	35.6	—	56.0	3.4	<b>BS-600<sup>13</sup></b>	46.6	36.1	—	57.1	3.5
		<b>BS-240E<sup>5</sup></b>	45.8	35.6	—	56.0	3.4	<b>BS-600M<sup>14</sup></b>	46.6	36.1	—	57.1	3.5
		<b>BS-300<sup>6</sup></b>	46.6	36.1	—	57.1	3.5	<b>BS-620M<sup>15</sup></b>	46.6	36.1	—	57.1	3.5
		<b>BS-330E<sup>7</sup></b>	45.9	35.7	—	56.1	3.4	<b>BS-800<sup>16</sup></b>	46.3	35.8	—	56.8	3.5
		<b>BS-360E<sup>8</sup></b>	46.4	35.9	—	56.9	3.5	<b>BS-2000<sup>17</sup></b>	46.0	35.5	—	56.5	3.5
		<b>BS-380<sup>9</sup></b>	45.9	35.7	—	56.1	3.4	<b>BS-2800M<sup>18</sup></b>	46.0	35.5	—	56.5	3.5
		<b>BS-120<sup>1</sup></b>	2.69	2.08	—	3.30	0.20	<b>BS-400<sup>10</sup></b>	2.69	2.08	—	3.30	0.20
<b>BS-200<sup>2</sup></b>	2.70	2.09	—	3.32	0.20	<b>BS-430<sup>11</sup></b>	2.71	2.09	—	3.32	0.20		
<b>BS-200E<sup>3</sup></b>	2.68	2.09	—	3.28	0.20	<b>BS-480<sup>12</sup></b>	2.70	2.08	—	3.31	0.20		
<b>BS-240<sup>4</sup></b>	2.68	2.08	—	3.27	0.20	<b>BS-600<sup>13</sup></b>	2.73	2.11	—	3.34	0.20		
<b>BS-240E<sup>5</sup></b>	2.68	2.08	—	3.27	0.20	<b>BS-600M<sup>14</sup></b>	2.73	2.11	—	3.34	0.20		
<b>BS-300<sup>6</sup></b>	2.73	2.11	—	3.34	0.20	<b>BS-620M<sup>15</sup></b>	2.73	2.11	—	3.34	0.20		
<b>BS-330E<sup>7</sup></b>	2.68	2.09	—	3.28	0.20	<b>BS-800<sup>16</sup></b>	2.71	2.09	—	3.32	0.20		
<b>BS-360E<sup>8</sup></b>	2.71	2.10	—	3.33	0.20	<b>BS-2000<sup>17</sup></b>	2.69	2.08	—	3.30	0.20		
<b>BS-380<sup>9</sup></b>	2.68	2.09	—	3.28	0.20	<b>BS-2800M<sup>18</sup></b>	2.69	2.08	—	3.30	0.20		
<b>CREA (SOX)</b>	μmol/L	<b>BS-120<sup>1</sup></b>	373	316	—	430	19	<b>BS-400<sup>10</sup></b>	374	317	—	431	19
		<b>BS-200<sup>2</sup></b>	369	315	—	423	18	<b>BS-430<sup>11</sup></b>	378	321	—	435	19
		<b>BS-200E<sup>3</sup></b>	382	325	—	439	19	<b>BS-480<sup>12</sup></b>	372	315	—	429	19
		<b>BS-240<sup>4</sup></b>	367	313	—	421	18	<b>BS-600<sup>13</sup></b>	381	324	—	438	19
		<b>BS-240E<sup>5</sup></b>	369	315	—	423	18	<b>BS-600M<sup>14</sup></b>	379	322	—	436	19
		<b>BS-300<sup>6</sup></b>	370	313	—	427	19	<b>BS-620M<sup>15</sup></b>	302	257	—	347	15
		<b>BS-330E<sup>7</sup></b>	382	325	—	439	19	<b>BS-800<sup>16</sup></b>	305	260	—	350	15
		<b>BS-360E<sup>8</sup></b>	369	315	—	423	18	<b>BS-2000<sup>17</sup></b>	301	256	—	346	15
<b>BS-380<sup>9</sup></b>	374	317	—	431	19	<b>BS-2800M<sup>18</sup></b>	302	257	—	347	15		

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
CREA (SOX)	mg/dL	BS-120 <sup>1</sup>	4.22	3.57	—	4.86	0.21	BS-400 <sup>10</sup>	4.23	3.59	—	4.88	0.21
		BS-200 <sup>2</sup>	4.17	3.56	—	4.79	0.20	BS-430 <sup>11</sup>	4.28	3.63	—	4.92	0.21
		BS-200E <sup>3</sup>	4.32	3.68	—	4.97	0.21	BS-480 <sup>12</sup>	4.21	3.56	—	4.85	0.21
		BS-240 <sup>4</sup>	4.15	3.54	—	4.76	0.20	BS-600 <sup>13</sup>	4.31	3.67	—	4.95	0.21
		BS-240E <sup>5</sup>	4.17	3.56	—	4.79	0.20	BS-600M <sup>14</sup>	4.29	3.64	—	4.93	0.21
		BS-300 <sup>6</sup>	4.19	3.54	—	4.83	0.21	BS-620M <sup>15</sup>	3.42	2.91	—	3.93	0.17
		BS-330E <sup>7</sup>	4.32	3.68	—	4.97	0.21	BS-800 <sup>16</sup>	3.45	2.94	—	3.96	0.17
		BS-360E <sup>8</sup>	4.17	3.56	—	4.79	0.20	BS-2000 <sup>17</sup>	3.40	2.90	—	3.91	0.17
		BS-380 <sup>9</sup>	4.23	3.59	—	4.88	0.21	BS-2800M <sup>18</sup>	3.42	2.91	—	3.93	0.17
Glu (GOD)	mmol/L	BS-120 <sup>1</sup>	13.4	11.3	—	15.5	0.7	BS-400 <sup>10</sup>	13.9	11.8	—	16.0	0.7
		BS-200 <sup>2</sup>	13.8	11.7	—	15.9	0.7	BS-430 <sup>11</sup>	13.9	11.8	—	16.0	0.7
		BS-200E <sup>3</sup>	14.1	12.0	—	16.2	0.7	BS-480 <sup>12</sup>	13.6	11.5	—	15.7	0.7
		BS-240 <sup>4</sup>	13.7	11.6	—	15.8	0.7	BS-600 <sup>13</sup>	13.7	11.6	—	15.8	0.7
		BS-240E <sup>5</sup>	13.4	11.3	—	15.5	0.7	BS-600M <sup>14</sup>	13.6	11.5	—	15.7	0.7
		BS-300 <sup>6</sup>	13.9	11.8	—	16.0	0.7	BS-620M <sup>15</sup>	13.6	11.5	—	15.7	0.7
		BS-330E <sup>7</sup>	14.1	12.0	—	16.2	0.7	BS-800 <sup>16</sup>	13.8	11.7	—	15.9	0.7
		BS-360E <sup>8</sup>	13.4	11.3	—	15.5	0.7	BS-2000 <sup>17</sup>	13.8	11.7	—	15.9	0.7
		BS-380 <sup>9</sup>	13.8	11.7	—	15.9	0.7	BS-2800M <sup>18</sup>	13.6	11.5	—	15.7	0.7
Glu (GOD)	mg/dL	BS-120 <sup>1</sup>	241	204	—	279	13	BS-400 <sup>10</sup>	250	213	—	288	13
		BS-200 <sup>2</sup>	249	211	—	286	13	BS-430 <sup>11</sup>	250	213	—	288	13
		BS-200E <sup>3</sup>	254	216	—	292	13	BS-480 <sup>12</sup>	245	207	—	283	13
		BS-240 <sup>4</sup>	247	209	—	285	13	BS-600 <sup>13</sup>	247	209	—	285	13
		BS-240E <sup>5</sup>	241	204	—	279	13	BS-600M <sup>14</sup>	245	207	—	283	13
		BS-300 <sup>6</sup>	250	213	—	288	13	BS-620M <sup>15</sup>	245	207	—	283	13
		BS-330E <sup>7</sup>	254	216	—	292	13	BS-800 <sup>16</sup>	249	211	—	286	13
		BS-360E <sup>8</sup>	241	204	—	279	13	BS-2000 <sup>17</sup>	249	211	—	286	13
		BS-380 <sup>9</sup>	249	211	—	286	13	BS-2800M <sup>18</sup>	245	207	—	283	13
LDH	U/L	BS-120 <sup>1</sup>	294	249	—	339	15	BS-400 <sup>10</sup>	298	253	—	343	15
		BS-200 <sup>2</sup>	299	254	—	344	15	BS-430 <sup>11</sup>	298	253	—	343	15
		BS-200E <sup>3</sup>	297	252	—	342	15	BS-480 <sup>12</sup>	296	251	—	341	15
		BS-240 <sup>4</sup>	298	253	—	343	15	BS-600 <sup>13</sup>	296	251	—	341	15
		BS-240E <sup>5</sup>	296	251	—	341	15	BS-600M <sup>14</sup>	293	248	—	338	15
		BS-300 <sup>6</sup>	302	257	—	347	15	BS-620M <sup>15</sup>	293	248	—	338	15
		BS-330E <sup>7</sup>	297	252	—	342	15	BS-800 <sup>16</sup>	292	247	—	337	15
		BS-360E <sup>8</sup>	295	250	—	340	15	BS-2000 <sup>17</sup>	296	251	—	341	15
		BS-380 <sup>9</sup>	298	253	—	343	15	BS-2800M <sup>18</sup>	293	248	—	338	15
LDH	µkat/L	BS-120 <sup>1</sup>	4.91	4.16	—	5.66	0.25	BS-400 <sup>10</sup>	4.98	4.23	—	5.73	0.25
		BS-200 <sup>2</sup>	4.99	4.24	—	5.74	0.25	BS-430 <sup>11</sup>	4.98	4.23	—	5.73	0.25
		BS-200E <sup>3</sup>	4.96	4.21	—	5.71	0.25	BS-480 <sup>12</sup>	4.94	4.19	—	5.69	0.25
		BS-240 <sup>4</sup>	4.98	4.23	—	5.73	0.25	BS-600 <sup>13</sup>	4.94	4.19	—	5.69	0.25
		BS-240E <sup>5</sup>	4.94	4.19	—	5.69	0.25	BS-600M <sup>14</sup>	4.89	4.14	—	5.64	0.25
		BS-300 <sup>6</sup>	5.04	4.29	—	5.79	0.25	BS-620M <sup>15</sup>	4.89	4.14	—	5.64	0.25
		BS-330E <sup>7</sup>	4.96	4.21	—	5.71	0.25	BS-800 <sup>16</sup>	4.88	4.12	—	5.63	0.25
		BS-360E <sup>8</sup>	4.93	4.18	—	5.68	0.25	BS-2000 <sup>17</sup>	4.94	4.19	—	5.69	0.25
		BS-380 <sup>9</sup>	4.98	4.23	—	5.73	0.25	BS-2800M <sup>18</sup>	4.89	4.14	—	5.64	0.25
UA	µmol/L	BS-120 <sup>1</sup>	631	547	—	715	28	BS-400 <sup>10</sup>	645	558	—	732	29
		BS-200 <sup>2</sup>	617	533	—	701	28	BS-430 <sup>11</sup>	641	554	—	728	29
		BS-200E <sup>3</sup>	645	558	—	732	29	BS-480 <sup>12</sup>	641	554	—	728	29

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD			
UA	μmol/L	BS-240 <sup>4</sup>	626	542	—	710	28	BS-600 <sup>13</sup>	641	554	—	728	29	
		BS-240E <sup>5</sup>	641	554	—	728	29	BS-600M <sup>14</sup>	644	557	—	731	29	
		BS-300 <sup>6</sup>	645	558	—	732	29	BS-620M <sup>15</sup>	644	557	—	731	29	
		BS-330E <sup>7</sup>	645	558	—	732	29	BS-800 <sup>16</sup>	641	554	—	728	29	
		BS-360E <sup>8</sup>	627	543	—	711	28	BS-2000 <sup>17</sup>	650	563	—	737	29	
	BS-380 <sup>9</sup>	645	558	—	732	29	BS-2800M <sup>18</sup>	644	557	—	731	29		
	BS-120 <sup>1</sup>	10.6	9.2	—	12.0	0.5	BS-400 <sup>10</sup>	10.8	9.4	—	12.3	0.5		
	BS-200 <sup>2</sup>	10.4	9.0	—	11.8	0.5	BS-430 <sup>11</sup>	10.8	9.3	—	12.2	0.5		
	BS-200E <sup>3</sup>	10.8	9.4	—	12.3	0.5	BS-480 <sup>12</sup>	10.8	9.3	—	12.2	0.5		
	BS-240 <sup>4</sup>	10.5	9.1	—	11.9	0.5	BS-600 <sup>13</sup>	10.8	9.3	—	12.2	0.5		
	BS-240E <sup>5</sup>	10.8	9.3	—	12.2	0.5	BS-600M <sup>14</sup>	10.8	9.4	—	12.3	0.5		
	BS-300 <sup>6</sup>	10.8	9.4	—	12.3	0.5	BS-620M <sup>15</sup>	10.8	9.4	—	12.3	0.5		
	BS-330E <sup>7</sup>	10.8	9.4	—	12.3	0.5	BS-800 <sup>16</sup>	10.8	9.3	—	12.2	0.5		
	BS-360E <sup>8</sup>	10.5	9.1	—	11.9	0.5	BS-2000 <sup>17</sup>	10.9	9.5	—	12.4	0.5		
	BS-380 <sup>9</sup>	10.8	9.4	—	12.3	0.5	BS-2800M <sup>18</sup>	10.8	9.4	—	12.3	0.5		
	ApoA1	g/L	BS-120 <sup>1</sup>	1.94	1.49	—	2.39	0.15	BS-400 <sup>10</sup>	1.91	1.49	—	2.33	0.14
			BS-200 <sup>2</sup>	1.94	1.49	—	2.39	0.15	BS-430 <sup>11</sup>	1.85	1.43	—	2.27	0.14
			BS-200E <sup>3</sup>	1.94	1.49	—	2.39	0.15	BS-480 <sup>12</sup>	1.81	1.39	—	2.23	0.14
BS-240 <sup>4</sup>			1.79	1.40	—	2.18	0.13	BS-600 <sup>13</sup>	1.86	1.44	—	2.28	0.14	
BS-240E <sup>5</sup>			1.83	1.41	—	2.25	0.14	BS-600M <sup>14</sup>	1.79	1.40	—	2.18	0.13	
BS-300 <sup>6</sup>			1.90	1.48	—	2.32	0.14	BS-620M <sup>15</sup>	1.79	1.40	—	2.18	0.13	
BS-330E <sup>7</sup>			1.94	1.49	—	2.39	0.15	BS-800 <sup>16</sup>	1.78	1.39	—	2.17	0.13	
BS-360E <sup>8</sup>			1.83	1.41	—	2.25	0.14	BS-2000 <sup>17</sup>	1.82	1.40	—	2.24	0.14	
BS-380 <sup>9</sup>			1.80	1.38	—	2.22	0.14	BS-2800M <sup>18</sup>	1.79	1.40	—	2.18	0.13	
BS-120 <sup>1</sup>		69.3	53.2	—	85.3	5.4	BS-400 <sup>10</sup>	68.2	53.2	—	83.2	5.0		
BS-200 <sup>2</sup>		69.3	53.2	—	85.3	5.4	BS-430 <sup>11</sup>	66.0	51.1	—	81.0	5.0		
BS-200E <sup>3</sup>		69.3	53.2	—	85.3	5.4	BS-480 <sup>12</sup>	64.6	49.6	—	79.6	5.0		
BS-240 <sup>4</sup>		63.9	50.0	—	77.8	4.6	BS-600 <sup>13</sup>	66.4	51.4	—	81.4	5.0		
BS-240E <sup>5</sup>		65.3	50.3	—	80.3	5.0	BS-600M <sup>14</sup>	63.9	50.0	—	77.8	4.6		
BS-300 <sup>6</sup>		67.8	52.8	—	82.8	5.0	BS-620M <sup>15</sup>	63.9	50.0	—	77.8	4.6		
BS-330E <sup>7</sup>		69.3	53.2	—	85.3	5.4	BS-800 <sup>16</sup>	63.5	49.6	—	77.5	4.6		
BS-360E <sup>8</sup>		65.3	50.3	—	80.3	5.0	BS-2000 <sup>17</sup>	65.0	50.0	—	80.0	5.0		
BS-380 <sup>9</sup>		64.3	49.3	—	79.3	5.0	BS-2800M <sup>18</sup>	63.9	50.0	—	77.8	4.6		
ApoB	g/L	BS-120 <sup>1</sup>	0.830	0.644	—	1.016	0.062	BS-400 <sup>10</sup>	0.807	0.624	—	0.990	0.061	
		BS-200 <sup>2</sup>	0.845	0.656	—	1.034	0.063	BS-430 <sup>11</sup>	0.854	0.662	—	1.046	0.064	
		BS-200E <sup>3</sup>	0.863	0.668	—	1.058	0.065	BS-480 <sup>12</sup>	0.837	0.648	—	1.026	0.063	
		BS-240 <sup>4</sup>	0.807	0.624	—	0.990	0.061	BS-600 <sup>13</sup>	0.827	0.641	—	1.013	0.062	
		BS-240E <sup>5</sup>	0.832	0.646	—	1.018	0.062	BS-600M <sup>14</sup>	0.834	0.645	—	1.023	0.063	
		BS-300 <sup>6</sup>	0.821	0.635	—	1.007	0.062	BS-620M <sup>15</sup>	0.834	0.645	—	1.023	0.063	
		BS-330E <sup>7</sup>	0.863	0.668	—	1.058	0.065	BS-800 <sup>16</sup>	0.801	0.621	—	0.981	0.060	
		BS-360E <sup>8</sup>	0.854	0.662	—	1.046	0.064	BS-2000 <sup>17</sup>	0.825	0.639	—	1.011	0.062	
		BS-380 <sup>9</sup>	0.842	0.653	—	1.031	0.063	BS-2800M <sup>18</sup>	0.807	0.624	—	0.990	0.061	
	BS-120 <sup>1</sup>	1.62	1.26	—	1.98	0.12	BS-400 <sup>10</sup>	1.57	1.22	—	1.93	0.12		
	BS-200 <sup>2</sup>	1.65	1.28	—	2.02	0.12	BS-430 <sup>11</sup>	1.67	1.29	—	2.04	0.12		
	BS-200E <sup>3</sup>	1.68	1.30	—	2.06	0.13	BS-480 <sup>12</sup>	1.63	1.26	—	2.00	0.12		
	BS-240 <sup>4</sup>	1.57	1.22	—	1.93	0.12	BS-600 <sup>13</sup>	1.61	1.25	—	1.98	0.12		
	BS-240E <sup>5</sup>	1.62	1.26	—	1.99	0.12	BS-600M <sup>14</sup>	1.63	1.26	—	1.99	0.12		
	BS-300 <sup>6</sup>	1.60	1.24	—	1.96	0.12	BS-620M <sup>15</sup>	1.63	1.26	—	1.99	0.12		

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
ApoB	μmol/L	BS-330E <sup>7</sup>	1.68	1.30	—	2.06	0.13	BS-800 <sup>16</sup>	1.56	1.21	—	1.91	0.12
		BS-360E <sup>8</sup>	1.67	1.29	—	2.04	0.12	BS-2000 <sup>17</sup>	1.61	1.25	—	1.97	0.12
		BS-380 <sup>9</sup>	1.64	1.27	—	2.01	0.12	BS-2800M <sup>18</sup>	1.57	1.22	—	1.93	0.12
CK	U/L	BS-120 <sup>1</sup>	260	221	—	299	13	BS-400 <sup>10</sup>	259	220	—	298	13
		BS-200 <sup>2</sup>	255	216	—	294	13	BS-430 <sup>11</sup>	259	220	—	298	13
		BS-200E <sup>3</sup>	259	220	—	298	13	BS-480 <sup>12</sup>	259	220	—	298	13
		BS-240 <sup>4</sup>	267	228	—	306	13	BS-600 <sup>13</sup>	261	222	—	300	13
		BS-240E <sup>5</sup>	259	220	—	298	13	BS-600M <sup>14</sup>	259	220	—	298	13
		BS-300 <sup>6</sup>	259	220	—	298	13	BS-620M <sup>15</sup>	259	220	—	298	13
		BS-330E <sup>7</sup>	259	220	—	298	13	BS-800 <sup>16</sup>	259	220	—	298	13
		BS-360E <sup>8</sup>	259	220	—	298	13	BS-2000 <sup>17</sup>	259	220	—	298	13
		BS-380 <sup>9</sup>	259	220	—	298	13	BS-2800M <sup>18</sup>	259	220	—	298	13
		BS-120 <sup>1</sup>	4.34	3.69	—	4.99	0.22	BS-400 <sup>10</sup>	4.33	3.67	—	4.98	0.22
HDL-C	mmol/L	BS-200 <sup>2</sup>	4.26	3.61	—	4.91	0.22	BS-430 <sup>11</sup>	4.33	3.67	—	4.98	0.22
		BS-200E <sup>3</sup>	4.33	3.67	—	4.98	0.22	BS-480 <sup>12</sup>	4.33	3.67	—	4.98	0.22
		BS-240 <sup>4</sup>	4.46	3.81	—	5.11	0.22	BS-600 <sup>13</sup>	4.36	3.71	—	5.01	0.22
		BS-240E <sup>5</sup>	4.33	3.67	—	4.98	0.22	BS-600M <sup>14</sup>	4.33	3.67	—	4.98	0.22
		BS-300 <sup>6</sup>	4.33	3.67	—	4.98	0.22	BS-620M <sup>15</sup>	4.33	3.67	—	4.98	0.22
		BS-330E <sup>7</sup>	4.33	3.67	—	4.98	0.22	BS-800 <sup>16</sup>	4.33	3.67	—	4.98	0.22
		BS-360E <sup>8</sup>	4.33	3.67	—	4.98	0.22	BS-2000 <sup>17</sup>	4.33	3.67	—	4.98	0.22
		BS-380 <sup>9</sup>	4.33	3.67	—	4.98	0.22	BS-2800M <sup>18</sup>	4.33	3.67	—	4.98	0.22
		BS-120 <sup>1</sup>	1.43	1.10	—	1.76	0.11	BS-400 <sup>10</sup>	1.47	1.14	—	1.80	0.11
		BS-200 <sup>2</sup>	1.37	1.07	—	1.67	0.10	BS-430 <sup>11</sup>	1.42	1.09	—	1.75	0.11
LDL-C	mg/dL	BS-200E <sup>3</sup>	1.39	1.09	—	1.69	0.10	BS-480 <sup>12</sup>	1.43	1.10	—	1.76	0.11
		BS-240 <sup>4</sup>	1.41	1.08	—	1.74	0.11	BS-600 <sup>13</sup>	1.44	1.11	—	1.77	0.11
		BS-240E <sup>5</sup>	1.37	1.07	—	1.67	0.10	BS-600M <sup>14</sup>	1.44	1.11	—	1.77	0.11
		BS-300 <sup>6</sup>	1.44	1.11	—	1.77	0.11	BS-620M <sup>15</sup>	1.44	1.11	—	1.77	0.11
		BS-330E <sup>7</sup>	1.39	1.09	—	1.69	0.10	BS-800 <sup>16</sup>	1.45	1.12	—	1.78	0.11
		BS-360E <sup>8</sup>	1.37	1.07	—	1.67	0.10	BS-2000 <sup>17</sup>	1.41	1.08	—	1.74	0.11
		BS-380 <sup>9</sup>	1.46	1.13	—	1.79	0.11	BS-2800M <sup>18</sup>	1.44	1.11	—	1.77	0.11
		BS-120 <sup>1</sup>	55.3	42.5	—	68.0	4.3	BS-400 <sup>10</sup>	56.8	44.1	—	69.6	4.3
		BS-200 <sup>2</sup>	53.0	41.4	—	64.6	3.9	BS-430 <sup>11</sup>	54.9	42.1	—	67.7	4.3
		BS-200E <sup>3</sup>	53.7	42.1	—	65.3	3.9	BS-480 <sup>12</sup>	55.3	42.5	—	68.0	4.3
LDL-C	mmol/L	BS-240 <sup>4</sup>	54.5	41.8	—	67.3	4.3	BS-600 <sup>13</sup>	55.7	42.9	—	68.4	4.3
		BS-240E <sup>5</sup>	53.0	41.4	—	64.6	3.9	BS-600M <sup>14</sup>	55.7	42.9	—	68.4	4.3
		BS-300 <sup>6</sup>	55.7	42.9	—	68.4	4.3	BS-620M <sup>15</sup>	55.7	42.9	—	68.4	4.3
		BS-330E <sup>7</sup>	53.7	42.1	—	65.3	3.9	BS-800 <sup>16</sup>	56.1	43.3	—	68.8	4.3
		BS-360E <sup>8</sup>	53.0	41.4	—	64.6	3.9	BS-2000 <sup>17</sup>	54.5	41.8	—	67.3	4.3
		BS-380 <sup>9</sup>	56.4	43.7	—	69.2	4.3	BS-2800M <sup>18</sup>	55.7	42.9	—	68.4	4.3
		BS-120 <sup>1</sup>	2.69	2.09	—	3.29	0.20	BS-400 <sup>10</sup>	2.73	2.13	—	3.33	0.20
		BS-200 <sup>2</sup>	2.68	2.08	—	3.28	0.20	BS-430 <sup>11</sup>	2.81	2.18	—	3.44	0.21
		BS-200E <sup>3</sup>	2.76	2.13	—	3.39	0.21	BS-480 <sup>12</sup>	2.83	2.20	—	3.46	0.21
		BS-240 <sup>4</sup>	2.63	2.03	—	3.23	0.20	BS-600 <sup>13</sup>	2.81	2.18	—	3.44	0.21
LDL-C	mmol/L	BS-240E <sup>5</sup>	2.74	2.11	—	3.37	0.21	BS-600M <sup>14</sup>	2.82	2.19	—	3.45	0.21
		BS-300 <sup>6</sup>	2.78	2.15	—	3.41	0.21	BS-620M <sup>15</sup>	2.82	2.19	—	3.45	0.21
		BS-330E <sup>7</sup>	2.76	2.13	—	3.39	0.21	BS-800 <sup>16</sup>	2.83	2.20	—	3.46	0.21
		BS-360E <sup>8</sup>	2.82	2.19	—	3.45	0.21	BS-2000 <sup>17</sup>	2.79	2.16	—	3.42	0.21
		BS-380 <sup>9</sup>	2.76	2.13	—	3.39	0.21	BS-2800M <sup>18</sup>	2.82	2.19	—	3.45	0.21



Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
LDL-C	mg/dL	BS-120 <sup>1</sup>	104	81	—	127	8	BS-400 <sup>10</sup>	106	82	—	129	8
		BS-200 <sup>2</sup>	104	80	—	127	8	BS-430 <sup>11</sup>	109	84	—	133	8
		BS-200E <sup>3</sup>	107	82	—	131	8	BS-480 <sup>12</sup>	109	85	—	134	8
		BS-240 <sup>4</sup>	102	78	—	125	8	BS-600 <sup>13</sup>	109	84	—	133	8
		BS-240E <sup>5</sup>	106	82	—	130	8	BS-600M <sup>14</sup>	109	85	—	133	8
		BS-300 <sup>6</sup>	107	83	—	132	8	BS-620M <sup>15</sup>	109	85	—	133	8
		BS-330E <sup>7</sup>	107	82	—	131	8	BS-800 <sup>16</sup>	109	85	—	134	8
		BS-360E <sup>8</sup>	109	85	—	133	8	BS-2000 <sup>17</sup>	108	84	—	132	8
		BS-380 <sup>9</sup>	107	82	—	131	8	BS-2800M <sup>18</sup>	109	85	—	133	8
PA	mg/L	BS-120 <sup>1</sup>	254	197	—	311	19	BS-400 <sup>10</sup>	249	192	—	306	19
		BS-200 <sup>2</sup>	251	194	—	308	19	BS-430 <sup>11</sup>	252	195	—	309	19
		BS-200E <sup>3</sup>	246	192	—	300	18	BS-480 <sup>12</sup>	245	191	—	299	18
		BS-240 <sup>4</sup>	247	190	—	304	19	BS-600 <sup>13</sup>	245	191	—	299	18
		BS-240E <sup>5</sup>	245	191	—	299	18	BS-600M <sup>14</sup>	249	192	—	306	19
		BS-300 <sup>6</sup>	251	194	—	308	19	BS-620M <sup>15</sup>	249	192	—	306	19
		BS-330E <sup>7</sup>	246	192	—	300	18	BS-800 <sup>16</sup>	245	191	—	299	18
		BS-360E <sup>8</sup>	245	191	—	299	18	BS-2000 <sup>17</sup>	250	193	—	307	19
		BS-380 <sup>9</sup>	250	193	—	307	19	BS-2800M <sup>18</sup>	256	199	—	313	19
Bil-T (DSA) II	μmol/L	BS-120 <sup>1</sup>	4.62	3.59	—	5.66	0.35	BS-400 <sup>10</sup>	4.53	3.49	—	5.57	0.35
		BS-200 <sup>2</sup>	4.57	3.53	—	5.61	0.35	BS-430 <sup>11</sup>	4.59	3.55	—	5.62	0.35
		BS-200E <sup>3</sup>	4.48	3.49	—	5.46	0.33	BS-480 <sup>12</sup>	4.46	3.48	—	5.44	0.33
		BS-240 <sup>4</sup>	4.50	3.46	—	5.53	0.35	BS-600 <sup>13</sup>	4.46	3.48	—	5.44	0.33
		BS-240E <sup>5</sup>	4.46	3.48	—	5.44	0.33	BS-600M <sup>14</sup>	4.53	3.49	—	5.57	0.35
		BS-300 <sup>6</sup>	4.57	3.53	—	5.61	0.35	BS-620M <sup>15</sup>	4.53	3.49	—	5.57	0.35
		BS-330E <sup>7</sup>	4.48	3.49	—	5.46	0.33	BS-800 <sup>16</sup>	4.46	3.48	—	5.44	0.33
		BS-360E <sup>8</sup>	4.46	3.48	—	5.44	0.33	BS-2000 <sup>17</sup>	4.55	3.51	—	5.59	0.35
		BS-380 <sup>9</sup>	4.55	3.51	—	5.59	0.35	BS-2800M <sup>18</sup>	4.66	3.62	—	5.70	0.35
Bil-D (VOX)	μmol/L	BS-120 <sup>1</sup>	74.2	57.4	—	91.0	5.6	BS-400 <sup>10</sup>	75.2	58.4	—	92.0	5.6
		BS-200 <sup>2</sup>	73.7	57.2	—	90.2	5.5	BS-430 <sup>11</sup>	76.3	59.2	—	93.4	5.7
		BS-200E <sup>3</sup>	75.2	58.4	—	92.0	5.6	BS-480 <sup>12</sup>	75.1	58.3	—	91.9	5.6
		BS-240 <sup>4</sup>	74.0	57.2	—	90.8	5.6	BS-600 <sup>13</sup>	76.3	59.2	—	93.4	5.7
		BS-240E <sup>5</sup>	74.6	57.8	—	91.4	5.6	BS-600M <sup>14</sup>	75.8	58.7	—	92.9	5.7
		BS-300 <sup>6</sup>	75.2	58.4	—	92.0	5.6	BS-620M <sup>15</sup>	75.8	58.7	—	92.9	5.7
		BS-330E <sup>7</sup>	75.2	58.4	—	92.0	5.6	BS-800 <sup>16</sup>	76.3	59.2	—	93.4	5.7
		BS-360E <sup>8</sup>	76.3	59.2	—	93.4	5.7	BS-2000 <sup>17</sup>	77.6	60.2	—	95.0	5.8
		BS-380 <sup>9</sup>	75.2	58.4	—	92.0	5.6	BS-2800M <sup>18</sup>	75.8	58.7	—	92.9	5.7
Bil-T (DSA) II	mg/dL	BS-120 <sup>1</sup>	4.34	3.36	—	5.32	0.33	BS-400 <sup>10</sup>	4.40	3.42	—	5.38	0.33
		BS-200 <sup>2</sup>	4.31	3.35	—	5.27	0.32	BS-430 <sup>11</sup>	4.46	3.46	—	5.46	0.33
		BS-200E <sup>3</sup>	4.40	3.42	—	5.38	0.33	BS-480 <sup>12</sup>	4.39	3.41	—	5.37	0.33
		BS-240 <sup>4</sup>	4.33	3.35	—	5.31	0.33	BS-600 <sup>13</sup>	4.46	3.46	—	5.46	0.33
		BS-240E <sup>5</sup>	4.36	3.38	—	5.35	0.33	BS-600M <sup>14</sup>	4.43	3.43	—	5.43	0.33
		BS-300 <sup>6</sup>	4.40	3.42	—	5.38	0.33	BS-620M <sup>15</sup>	4.43	3.43	—	5.43	0.33
		BS-330E <sup>7</sup>	4.40	3.42	—	5.38	0.33	BS-800 <sup>16</sup>	4.46	3.46	—	5.46	0.33
		BS-360E <sup>8</sup>	4.46	3.46	—	5.46	0.33	BS-2000 <sup>17</sup>	4.54	3.52	—	5.56	0.34
		BS-380 <sup>9</sup>	4.40	3.42	—	5.38	0.33	BS-2800M <sup>18</sup>	4.43	3.43	—	5.43	0.33
Bil-D (VOX)	μmol/L	BS-120 <sup>1</sup>	32.7	25.2	—	40.2	2.5	BS-400 <sup>10</sup>	32.7	25.2	—	40.2	2.5
		BS-200 <sup>2</sup>	32.7	25.2	—	40.2	2.5	BS-430 <sup>11</sup>	32.7	25.2	—	40.2	2.5
		BS-200E <sup>3</sup>	33.5	26.0	—	41.0	2.5	BS-480 <sup>12</sup>	33.0	25.5	—	40.5	2.5

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD			
<b>Bil-D (VOX)</b>	μmol/L	BS-240 <sup>4</sup>	33.0	25.5	—	40.5	2.5	BS-600 <sup>13</sup>	32.7	25.2	—	40.2	2.5	
		BS-240E <sup>5</sup>	32.7	25.2	—	40.2	2.5	BS-600M <sup>14</sup>	33.4	25.9	—	40.9	2.5	
		BS-300 <sup>6</sup>	32.7	25.2	—	40.2	2.5	BS-620M <sup>15</sup>	33.4	25.9	—	40.9	2.5	
		BS-330E <sup>7</sup>	33.5	26.0	—	41.0	2.5	BS-800 <sup>16</sup>	32.7	25.2	—	40.2	2.5	
		BS-360E <sup>8</sup>	32.7	25.2	—	40.2	2.5	BS-2000 <sup>17</sup>	32.6	25.4	—	39.8	2.4	
	BS-380 <sup>9</sup>	32.7	25.2	—	40.2	2.5	BS-2800M <sup>18</sup>	33.4	25.9	—	40.9	2.5		
	mg/dL	BS-120 <sup>1</sup>	1.91	1.47	—	2.35	0.15	BS-400 <sup>10</sup>	1.91	1.47	—	2.35	0.15	
		BS-200 <sup>2</sup>	1.91	1.47	—	2.35	0.15	BS-430 <sup>11</sup>	1.91	1.47	—	2.35	0.15	
		BS-200E <sup>3</sup>	1.96	1.52	—	2.40	0.15	BS-480 <sup>12</sup>	1.93	1.49	—	2.37	0.15	
		BS-240 <sup>4</sup>	1.93	1.49	—	2.37	0.15	BS-600 <sup>13</sup>	1.91	1.47	—	2.35	0.15	
		BS-240E <sup>5</sup>	1.91	1.47	—	2.35	0.15	BS-600M <sup>14</sup>	1.95	1.51	—	2.39	0.15	
		BS-300 <sup>6</sup>	1.91	1.47	—	2.35	0.15	BS-620M <sup>15</sup>	1.95	1.51	—	2.39	0.15	
		BS-330E <sup>7</sup>	1.96	1.52	—	2.40	0.15	BS-800 <sup>16</sup>	1.91	1.47	—	2.35	0.15	
		BS-360E <sup>8</sup>	1.91	1.47	—	2.35	0.15	BS-2000 <sup>17</sup>	1.91	1.49	—	2.33	0.14	
		BS-380 <sup>9</sup>	1.91	1.47	—	2.35	0.15	BS-2800M <sup>18</sup>	1.95	1.51	—	2.39	0.15	
	<b>LIP</b>	U/L	BS-120 <sup>1</sup>	98.7	78.9	—	118.5	6.6	BS-400 <sup>10</sup>	99.9	79.8	—	120.0	6.7
			BS-200 <sup>2</sup>	92.6	74.0	—	111.2	6.2	BS-430 <sup>11</sup>	100	79	—	121	7
			BS-200E <sup>3</sup>	102	81	—	123	7	BS-480 <sup>12</sup>	99.2	79.4	—	119.0	6.6
BS-240 <sup>4</sup>			101	80	—	122	7	BS-600 <sup>13</sup>	99.6	79.5	—	119.7	6.7	
BS-240E <sup>5</sup>			99.0	79.2	—	118.8	6.6	BS-600M <sup>14</sup>	100	79	—	121	7	
BS-300 <sup>6</sup>			95.0	75.8	—	114.2	6.4	BS-620M <sup>15</sup>	100	79	—	121	7	
BS-330E <sup>7</sup>			102	81	—	123	7	BS-800 <sup>16</sup>	99.6	79.5	—	119.7	6.7	
BS-360E <sup>8</sup>			98.7	78.9	—	118.5	6.6	BS-2000 <sup>17</sup>	99.9	79.8	—	120.0	6.7	
BS-380 <sup>9</sup>			99.9	79.8	—	120.0	6.7	BS-2800M <sup>18</sup>	99.5	79.4	—	119.6	6.7	
μkat/L		BS-120 <sup>1</sup>	1.65	1.32	—	1.98	0.11	BS-400 <sup>10</sup>	1.67	1.33	—	2.00	0.11	
		BS-200 <sup>2</sup>	1.55	1.24	—	1.86	0.10	BS-430 <sup>11</sup>	1.67	1.32	—	2.02	0.12	
		BS-200E <sup>3</sup>	1.70	1.35	—	2.05	0.12	BS-480 <sup>12</sup>	1.66	1.33	—	1.99	0.11	
		BS-240 <sup>4</sup>	1.69	1.34	—	2.04	0.12	BS-600 <sup>13</sup>	1.66	1.33	—	2.00	0.11	
		BS-240E <sup>5</sup>	1.65	1.32	—	1.98	0.11	BS-600M <sup>14</sup>	1.67	1.32	—	2.02	0.12	
		BS-300 <sup>6</sup>	1.59	1.27	—	1.91	0.11	BS-620M <sup>15</sup>	1.67	1.32	—	2.02	0.12	
		BS-330E <sup>7</sup>	1.70	1.35	—	2.05	0.12	BS-800 <sup>16</sup>	1.66	1.33	—	2.00	0.11	
		BS-360E <sup>8</sup>	1.65	1.32	—	1.98	0.11	BS-2000 <sup>17</sup>	1.67	1.33	—	2.00	0.11	
		BS-380 <sup>9</sup>	1.67	1.33	—	2.00	0.11	BS-2800M <sup>18</sup>	1.66	1.33	—	2.00	0.11	
<b>Mg II</b>	mmol/L	BS-120 <sup>1</sup>	1.39	1.21	—	1.57	0.06	BS-400 <sup>10</sup>	1.45	1.27	—	1.63	0.06	
		BS-200 <sup>2</sup>	1.44	1.26	—	1.62	0.06	BS-430 <sup>11</sup>	1.38	1.20	—	1.56	0.06	
		BS-200E <sup>3</sup>	1.44	1.26	—	1.62	0.06	BS-480 <sup>12</sup>	1.40	1.22	—	1.58	0.06	
		BS-240 <sup>4</sup>	1.44	1.26	—	1.62	0.06	BS-600 <sup>13</sup>	1.41	1.23	—	1.59	0.06	
		BS-240E <sup>5</sup>	1.38	1.20	—	1.56	0.06	BS-600M <sup>14</sup>	1.40	1.22	—	1.58	0.06	
		BS-300 <sup>6</sup>	1.45	1.27	—	1.63	0.06	BS-620M <sup>15</sup>	1.40	1.22	—	1.58	0.06	
		BS-330E <sup>7</sup>	1.44	1.26	—	1.62	0.06	BS-800 <sup>16</sup>	1.38	1.20	—	1.56	0.06	
		BS-360E <sup>8</sup>	1.38	1.20	—	1.56	0.06	BS-2000 <sup>17</sup>	1.42	1.24	—	1.60	0.06	
		BS-380 <sup>9</sup>	1.45	1.27	—	1.63	0.06	BS-2800M <sup>18</sup>	1.40	1.22	—	1.58	0.06	
	mg/dL	BS-120 <sup>1</sup>	3.38	2.94	—	3.82	0.15	BS-400 <sup>10</sup>	3.52	3.09	—	3.96	0.15	
		BS-200 <sup>2</sup>	3.50	3.06	—	3.94	0.15	BS-430 <sup>11</sup>	3.35	2.92	—	3.79	0.15	
		BS-200E <sup>3</sup>	3.50	3.06	—	3.94	0.15	BS-480 <sup>12</sup>	3.40	2.96	—	3.84	0.15	
		BS-240 <sup>4</sup>	3.50	3.06	—	3.94	0.15	BS-600 <sup>13</sup>	3.43	2.99	—	3.86	0.15	
		BS-240E <sup>5</sup>	3.35	2.92	—	3.79	0.15	BS-600M <sup>14</sup>	3.40	2.96	—	3.84	0.15	
		BS-300 <sup>6</sup>	3.52	3.09	—	3.96	0.15	BS-620M <sup>15</sup>	3.40	2.96	—	3.84	0.15	

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>	mg/dL	<b>BS-330E<sup>7</sup></b>	3.50	3.06	—	3.94	0.15	<b>BS-800<sup>16</sup></b>	3.35	2.92	—	3.79	0.15
		<b>BS-360E<sup>8</sup></b>	3.35	2.92	—	3.79	0.15	<b>BS-2000<sup>17</sup></b>	3.45	3.01	—	3.89	0.15
		<b>BS-380<sup>9</sup></b>	3.52	3.09	—	3.96	0.15	<b>BS-2800M<sup>18</sup></b>	3.40	2.96	—	3.84	0.15
<b>Bil-T (VOX)</b>	μmol/L	<b>BS-120<sup>1</sup></b>	63.8	49.4	—	78.2	4.8	<b>BS-400<sup>10</sup></b>	64.8	50.1	—	79.5	4.9
		<b>BS-200<sup>2</sup></b>	63.8	49.4	—	78.2	4.8	<b>BS-430<sup>11</sup></b>	64.7	50.0	—	79.4	4.9
		<b>BS-200E<sup>3</sup></b>	64.8	50.1	—	79.5	4.9	<b>BS-480<sup>12</sup></b>	64.7	50.0	—	79.4	4.9
		<b>BS-240<sup>4</sup></b>	63.9	49.5	—	78.3	4.8	<b>BS-600<sup>13</sup></b>	64.7	50.0	—	79.4	4.9
		<b>BS-240E<sup>5</sup></b>	64.7	50.0	—	79.4	4.9	<b>BS-600M<sup>14</sup></b>	65.9	51.2	—	80.6	4.9
	mg/dL	<b>BS-300<sup>6</sup></b>	64.8	50.1	—	79.5	4.9	<b>BS-620M<sup>15</sup></b>	65.9	51.2	—	80.6	4.9
		<b>BS-330E<sup>7</sup></b>	64.8	50.1	—	79.5	4.9	<b>BS-800<sup>16</sup></b>	64.7	50.0	—	79.4	4.9
		<b>BS-360E<sup>8</sup></b>	64.7	50.0	—	79.4	4.9	<b>BS-2000<sup>17</sup></b>	65.5	50.8	—	80.2	4.9
		<b>BS-380<sup>9</sup></b>	64.8	50.1	—	79.5	4.9	<b>BS-2800M<sup>18</sup></b>	65.9	51.2	—	80.6	4.9
		<b>BS-120<sup>1</sup></b>	3.73	2.89	—	4.57	0.28	<b>BS-400<sup>10</sup></b>	3.79	2.93	—	4.65	0.29
<b>TRF</b>	g/L	<b>BS-200<sup>2</sup></b>	3.73	2.89	—	4.57	0.28	<b>BS-430<sup>11</sup></b>	3.78	2.92	—	4.64	0.29
		<b>BS-200E<sup>3</sup></b>	3.79	2.93	—	4.65	0.29	<b>BS-480<sup>12</sup></b>	3.78	2.92	—	4.64	0.29
		<b>BS-240<sup>4</sup></b>	3.74	2.89	—	4.58	0.28	<b>BS-600<sup>13</sup></b>	3.78	2.92	—	4.64	0.29
		<b>BS-240E<sup>5</sup></b>	3.78	2.92	—	4.64	0.29	<b>BS-600M<sup>14</sup></b>	3.85	2.99	—	4.71	0.29
		<b>BS-300<sup>6</sup></b>	3.79	2.93	—	4.65	0.29	<b>BS-620M<sup>15</sup></b>	3.85	2.99	—	4.71	0.29
	μmol/L	<b>BS-330E<sup>7</sup></b>	3.79	2.93	—	4.65	0.29	<b>BS-800<sup>16</sup></b>	3.78	2.92	—	4.64	0.29
		<b>BS-360E<sup>8</sup></b>	3.78	2.92	—	4.64	0.29	<b>BS-2000<sup>17</sup></b>	3.83	2.97	—	4.69	0.29
		<b>BS-380<sup>9</sup></b>	3.79	2.93	—	4.65	0.29	<b>BS-2800M<sup>18</sup></b>	3.85	2.99	—	4.71	0.29
		<b>BS-120<sup>1</sup></b>	3.20	2.72	—	3.68	0.16	<b>BS-430<sup>11</sup></b>	3.31	2.80	—	3.82	0.17
		<b>BS-200<sup>2</sup></b>	3.19	2.71	—	3.67	0.16	<b>BS-480<sup>12</sup></b>	3.25	2.77	—	3.73	0.16
<b>GGT</b>	g/L	<b>BS-200E<sup>3</sup></b>	3.32	2.81	—	3.83	0.17	<b>BS-600<sup>13</sup></b>	3.26	2.78	—	3.74	0.16
		<b>BS-240<sup>4</sup></b>	3.17	2.69	—	3.65	0.16	<b>BS-600M<sup>14</sup></b>	3.24	2.76	—	3.72	0.16
		<b>BS-240E<sup>5</sup></b>	3.19	2.71	—	3.67	0.16	<b>BS-620M<sup>15</sup></b>	3.24	2.76	—	3.72	0.16
		<b>BS-360E<sup>8</sup></b>	3.20	2.72	—	3.68	0.16	<b>BS-800<sup>16</sup></b>	3.25	2.77	—	3.73	0.16
		<b>BS-380<sup>9</sup></b>	3.32	2.81	—	3.83	0.17	<b>BS-2000<sup>17</sup></b>	3.31	2.80	—	3.82	0.17
	μmol/L	<b>BS-400<sup>10</sup></b>	3.32	2.81	—	3.83	0.17	<b>BS-2800M<sup>18</sup></b>	3.24	2.76	—	3.72	0.16
		<b>BS-120<sup>1</sup></b>	40.3	34.3	—	46.4	2.0	<b>BS-430<sup>11</sup></b>	41.7	35.3	—	48.1	2.1
		<b>BS-200<sup>2</sup></b>	40.2	34.1	—	46.2	2.0	<b>BS-480<sup>12</sup></b>	41.0	34.9	—	47.0	2.0
		<b>BS-200E<sup>3</sup></b>	41.8	35.4	—	48.3	2.1	<b>BS-600<sup>13</sup></b>	41.1	35.0	—	47.1	2.0
		<b>BS-240<sup>4</sup></b>	39.9	33.9	—	46.0	2.0	<b>BS-600M<sup>14</sup></b>	40.8	34.8	—	46.9	2.0
<b>GGT</b>	U/L	<b>BS-240E<sup>5</sup></b>	40.2	34.1	—	46.2	2.0	<b>BS-620M<sup>15</sup></b>	40.8	34.8	—	46.9	2.0
		<b>BS-360E<sup>8</sup></b>	40.3	34.3	—	46.4	2.0	<b>BS-800<sup>16</sup></b>	41.0	34.9	—	47.0	2.0
		<b>BS-380<sup>9</sup></b>	41.8	35.4	—	48.3	2.1	<b>BS-2000<sup>17</sup></b>	41.7	35.3	—	48.1	2.1
		<b>BS-400<sup>10</sup></b>	41.8	35.4	—	48.3	2.1	<b>BS-2800M<sup>18</sup></b>	40.8	34.8	—	46.9	2.0
		<b>BS-120<sup>1</sup></b>	198	168	—	228	10	<b>BS-400<sup>10</sup></b>	202	172	—	232	10
	μkat/L	<b>BS-200<sup>2</sup></b>	198	168	—	228	10	<b>BS-430<sup>11</sup></b>	202	172	—	232	10
		<b>BS-200E<sup>3</sup></b>	202	172	—	232	10	<b>BS-480<sup>12</sup></b>	202	172	—	232	10
		<b>BS-240<sup>4</sup></b>	201	171	—	231	10	<b>BS-600<sup>13</sup></b>	202	172	—	232	10
		<b>BS-240E<sup>5</sup></b>	201	171	—	231	10	<b>BS-600M<sup>14</sup></b>	202	172	—	232	10
		<b>BS-300<sup>6</sup></b>	202	172	—	232	10	<b>BS-620M<sup>15</sup></b>	202	172	—	232	10
<b>GGT</b>	U/L	<b>BS-330E<sup>7</sup></b>	202	172	—	232	10	<b>BS-800<sup>16</sup></b>	202	172	—	232	10
		<b>BS-360E<sup>8</sup></b>	202	172	—	232	10	<b>BS-2000<sup>17</sup></b>	201	171	—	231	10
		<b>BS-380<sup>9</sup></b>	202	172	—	232	10	<b>BS-2800M<sup>18</sup></b>	202	172	—	232	10
		<b>BS-120<sup>1</sup></b>	3.31	2.81	—	3.81	0.17	<b>BS-400<sup>10</sup></b>	3.37	2.87	—	3.87	0.17
		<b>BS-200<sup>2</sup></b>	3.31	2.81	—	3.81	0.17	<b>BS-430<sup>11</sup></b>	3.37	2.87	—	3.87	0.17

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>	3.37	2.87	—	3.87	0.17	BS-480 <sup>12</sup>	3.37	2.87	—	3.87	0.17		
		BS-240 <sup>4</sup>	3.36	2.86	—	3.86	0.17	BS-600 <sup>13</sup>	3.37	2.87	—	3.87	0.17		
		BS-240E <sup>5</sup>	3.36	2.86	—	3.86	0.17	BS-600M <sup>14</sup>	3.37	2.87	—	3.87	0.17		
		BS-300 <sup>6</sup>	3.37	2.87	—	3.87	0.17	BS-620M <sup>15</sup>	3.37	2.87	—	3.87	0.17		
		BS-330E <sup>7</sup>	3.37	2.87	—	3.87	0.17	BS-800 <sup>16</sup>	3.37	2.87	—	3.87	0.17		
		BS-360E <sup>8</sup>	3.37	2.87	—	3.87	0.17	BS-2000 <sup>17</sup>	3.36	2.86	—	3.86	0.17		
		BS-380 <sup>9</sup>	3.37	2.87	—	3.87	0.17	BS-2800M <sup>18</sup>	3.37	2.87	—	3.87	0.17		
		Fe	μmol/L	BS-120 <sup>1</sup>	44.3	35.3	—	53.3	3.0	BS-400 <sup>10</sup>	45.4	36.4	—	54.4	3.0
BS-200 <sup>2</sup>	45.2			36.2	—	54.2	3.0	BS-430 <sup>11</sup>	44.9	35.9	—	53.9	3.0		
BS-200E <sup>3</sup>	45.8			36.5	—	55.1	3.1	BS-480 <sup>12</sup>	45.2	36.2	—	54.2	3.0		
BS-240 <sup>4</sup>	43.9			35.2	—	52.6	2.9	BS-600 <sup>13</sup>	45.0	36.0	—	54.0	3.0		
BS-240E <sup>5</sup>	45.2			36.2	—	54.2	3.0	BS-600M <sup>14</sup>	45.1	36.1	—	54.1	3.0		
BS-300 <sup>6</sup>	44.8			35.8	—	53.8	3.0	BS-620M <sup>15</sup>	45.1	36.1	—	54.1	3.0		
BS-330E <sup>7</sup>	45.8			36.5	—	55.1	3.1	BS-800 <sup>16</sup>	45.1	36.1	—	54.1	3.0		
BS-360E <sup>8</sup>	45.6			36.3	—	54.9	3.1	BS-2000 <sup>17</sup>	45.1	36.1	—	54.1	3.0		
BS-380 <sup>9</sup>	46.0		36.7	—	55.3	3.1	BS-2800M <sup>18</sup>	44.7	35.7	—	53.7	3.0			
mg/L	BS-120 <sup>1</sup>		2.47	1.97	—	2.98	0.17	BS-400 <sup>10</sup>	2.54	2.03	—	3.04	0.17		
	BS-200 <sup>2</sup>		2.53	2.02	—	3.03	0.17	BS-430 <sup>11</sup>	2.51	2.01	—	3.01	0.17		
	BS-200E <sup>3</sup>		2.56	2.04	—	3.08	0.17	BS-480 <sup>12</sup>	2.53	2.02	—	3.03	0.17		
	BS-240 <sup>4</sup>		2.45	1.97	—	2.94	0.16	BS-600 <sup>13</sup>	2.51	2.01	—	3.02	0.17		
	BS-240E <sup>5</sup>		2.53	2.02	—	3.03	0.17	BS-600M <sup>14</sup>	2.52	2.02	—	3.02	0.17		
	BS-300 <sup>6</sup>		2.50	2.00	—	3.01	0.17	BS-620M <sup>15</sup>	2.52	2.02	—	3.02	0.17		
	BS-330E <sup>7</sup>		2.56	2.04	—	3.08	0.17	BS-800 <sup>16</sup>	2.52	2.02	—	3.02	0.17		
	BS-360E <sup>8</sup>	2.55	2.03	—	3.07	0.17	BS-2000 <sup>17</sup>	2.52	2.02	—	3.02	0.17			
BS-380 <sup>9</sup>	2.57	2.05	—	3.09	0.17	BS-2800M <sup>18</sup>	2.50	1.99	—	3.00	0.17				
FER	ng/mL	BS-200E <sup>3</sup>	194	164	—	224	10	BS-480 <sup>12</sup>	192	162	—	222	10		
		BS-240 <sup>4</sup>	197	167	—	227	10	BS-600 <sup>13</sup>	192	162	—	222	10		
		BS-240E <sup>5</sup>	192	162	—	222	10	BS-600M <sup>14</sup>	191	161	—	221	10		
		BS-360E <sup>8</sup>	192	162	—	222	10	BS-620M <sup>15</sup>	191	161	—	221	10		
		BS-380 <sup>9</sup>	194	164	—	224	10	BS-800 <sup>16</sup>	192	162	—	222	10		
		BS-400 <sup>10</sup>	194	164	—	224	10	BS-2000 <sup>17</sup>	191	161	—	221	10		
		BS-430 <sup>11</sup>	192	162	—	222	10	BS-2800M <sup>18</sup>	191	161	—	221	10		
		BS-200E <sup>3</sup>	436	369	—	503	22	BS-480 <sup>12</sup>	431	364	—	499	22		
	pmol/L	BS-240 <sup>4</sup>	443	375	—	510	22	BS-600 <sup>13</sup>	431	364	—	499	22		
		BS-240E <sup>5</sup>	431	364	—	499	22	BS-600M <sup>14</sup>	429	362	—	497	22		
		BS-360E <sup>8</sup>	431	364	—	499	22	BS-620M <sup>15</sup>	429	362	—	497	22		
		BS-380 <sup>9</sup>	436	369	—	503	22	BS-800 <sup>16</sup>	431	364	—	499	22		
		BS-400 <sup>10</sup>	436	369	—	503	22	BS-2000 <sup>17</sup>	429	362	—	497	22		
		BS-430 <sup>11</sup>	431	364	—	499	22	BS-2800M <sup>18</sup>	429	362	—	497	22		
		HS-CRP	mg/L	BS-200E <sup>3</sup>	54.5	38.0	—	71.0	5.5	BS-430 <sup>11</sup>	54.5	38.0	—	71.0	5.5
				BS-240 <sup>4</sup>	54.7	38.2	—	71.2	5.5	BS-480 <sup>12</sup>	54.6	38.1	—	71.1	5.5
BS-240E <sup>5</sup>	56.8			39.7	—	73.9	5.7	BS-600 <sup>13</sup>	54.6	38.1	—	71.1	5.5		
BS-300 <sup>6</sup>	55.2			38.7	—	71.7	5.5	BS-600M <sup>14</sup>	53.9	37.7	—	70.1	5.4		
BS-330E <sup>7</sup>	54.5			38.0	—	71.0	5.5	BS-620M <sup>15</sup>	53.9	37.7	—	70.1	5.4		
BS-360E <sup>8</sup>	54.6			38.1	—	71.1	5.5	BS-800 <sup>16</sup>	54.6	38.1	—	71.1	5.5		
BS-380 <sup>9</sup>	55.2			38.7	—	71.7	5.5	BS-2000 <sup>17</sup>	54.9	38.4	—	71.4	5.5		
BS-400 <sup>10</sup>	54.1			37.9	—	70.3	5.4	BS-2800M <sup>18</sup>	53.9	37.7	—	70.1	5.4		
nmol/L	BS-200E <sup>3</sup>		519	362	—	676	52	BS-430 <sup>11</sup>	519	362	—	676	52		

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Assay Value	Range(Assay Value±3SD)		1 SD		
HS-CRP	nmol/L	BS-240 <sup>4</sup>	521	364	—	678	52	BS-480 <sup>12</sup>	520	363	—	677	52
		BS-240E <sup>5</sup>	541	378	—	704	54	BS-600 <sup>13</sup>	520	363	—	677	52
		BS-300 <sup>6</sup>	526	368	—	683	52	BS-600M <sup>14</sup>	513	359	—	667	51
		BS-330E <sup>7</sup>	519	362	—	676	52	BS-620M <sup>15</sup>	513	359	—	667	51
		BS-360E <sup>8</sup>	520	363	—	677	52	BS-800 <sup>16</sup>	520	363	—	677	52
		BS-380 <sup>9</sup>	526	368	—	683	52	BS-2000 <sup>17</sup>	523	366	—	680	52
		BS-400 <sup>10</sup>	515	361	—	669	51	BS-2800M <sup>18</sup>	513	359	—	667	51
TP	g/L	BS-120 <sup>1</sup>	81.6	69.3	—	93.9	4.1	BS-400 <sup>10</sup>	82.4	70.1	—	94.7	4.1
		BS-200 <sup>2</sup>	82.1	69.8	—	94.4	4.1	BS-430 <sup>11</sup>	82.3	70.0	—	94.6	4.1
		BS-200E <sup>3</sup>	82.2	69.9	—	94.5	4.1	BS-480 <sup>12</sup>	81.8	69.5	—	94.1	4.1
		BS-240 <sup>4</sup>	81.2	68.9	—	93.5	4.1	BS-600 <sup>13</sup>	82.3	70.0	—	94.6	4.1
		BS-240E <sup>5</sup>	81.3	69.0	—	93.6	4.1	BS-600M <sup>14</sup>	82.3	70.0	—	94.6	4.1
		BS-300 <sup>6</sup>	81.4	69.1	—	93.7	4.1	BS-620M <sup>15</sup>	82.3	70.0	—	94.6	4.1
		BS-330E <sup>7</sup>	82.2	69.9	—	94.5	4.1	BS-800 <sup>16</sup>	82.3	70.0	—	94.6	4.1
		BS-360E <sup>8</sup>	82.3	70.0	—	94.6	4.1	BS-2000 <sup>17</sup>	82.4	70.1	—	94.7	4.1
		BS-380 <sup>9</sup>	82.8	70.5	—	95.1	4.1						
TP II	g/L	BS-120 <sup>1</sup>	80.6	68.6	—	92.6	4.0	BS-400 <sup>10</sup>	80.5	68.5	—	92.5	4.0
		BS-200 <sup>2</sup>	80.6	68.6	—	92.6	4.0	BS-430 <sup>11</sup>	80.9	68.9	—	92.9	4.0
		BS-200E <sup>3</sup>	79.4	67.4	—	91.4	4.0	BS-480 <sup>12</sup>	79.7	67.7	—	91.7	4.0
		BS-240 <sup>4</sup>	79.8	67.8	—	91.8	4.0	BS-600 <sup>13</sup>	80.9	68.9	—	92.9	4.0
		BS-240E <sup>5</sup>	79.4	67.4	—	91.4	4.0	BS-600M <sup>14</sup>	80.0	68.0	—	92.0	4.0
		BS-300 <sup>6</sup>	80.8	68.8	—	92.8	4.0	BS-620M <sup>15</sup>	80.0	68.0	—	92.0	4.0
		BS-330E <sup>7</sup>	79.4	67.4	—	91.4	4.0	BS-800 <sup>16</sup>	80.9	68.9	—	92.9	4.0
		BS-360E <sup>8</sup>	80.0	68.0	—	92.0	4.0	BS-2000 <sup>17</sup>	81.2	68.9	—	93.5	4.1
		BS-380 <sup>9</sup>	80.5	68.5	—	92.5	4.0	BS-2800M <sup>18</sup>	80.3	68.3	—	92.3	4.0
UIBC	μmol/L	BS-240 <sup>4</sup>	35.8	28.6	—	43.0	2.4	BS-600 <sup>13</sup>	35.5	28.3	—	42.7	2.4
		BS-240E <sup>5</sup>	36.5	29.3	—	43.7	2.4	BS-600M <sup>14</sup>	35.9	28.7	—	43.1	2.4
		BS-360E <sup>8</sup>	35.0	28.1	—	41.9	2.3	BS-620M <sup>15</sup>	35.9	28.7	—	43.1	2.4
		BS-380 <sup>9</sup>	35.5	28.3	—	42.7	2.4	BS-800 <sup>16</sup>	35.5	28.3	—	42.7	2.4
		BS-400 <sup>10</sup>	35.5	28.3	—	42.7	2.4	BS-2000 <sup>17</sup>	33.4	26.8	—	40.0	2.2
		BS-430 <sup>11</sup>	35.5	28.3	—	42.7	2.4	BS-2800M <sup>18</sup>	34.0	27.1	—	40.9	2.3
		BS-480 <sup>12</sup>	37.3	29.8	—	44.8	2.5						
UREA	mmol/L	BS-120 <sup>1</sup>	21.0	17.7	—	24.3	1.1	BS-400 <sup>10</sup>	21.0	17.7	—	24.3	1.1
		BS-200 <sup>2</sup>	21.0	17.7	—	24.3	1.1	BS-430 <sup>11</sup>	21.0	17.7	—	24.3	1.1
		BS-200E <sup>3</sup>	21.0	17.7	—	24.3	1.1	BS-480 <sup>12</sup>	20.8	17.8	—	23.8	1.0
		BS-240 <sup>4</sup>	21.3	18.0	—	24.6	1.1	BS-600 <sup>13</sup>	21.0	17.7	—	24.3	1.1
		BS-240E <sup>5</sup>	21.0	17.7	—	24.3	1.1	BS-600M <sup>14</sup>	20.9	17.9	—	23.9	1.0
		BS-300 <sup>6</sup>	21.0	17.7	—	24.3	1.1	BS-620M <sup>15</sup>	20.9	17.9	—	23.9	1.0
		BS-330E <sup>7</sup>	21.0	17.7	—	24.3	1.1	BS-800 <sup>16</sup>	21.0	17.7	—	24.3	1.1
		BS-360E <sup>8</sup>	21.0	17.7	—	24.3	1.1	BS-2000 <sup>17</sup>	20.8	17.8	—	23.8	1.0
		BS-380 <sup>9</sup>	21.0	17.7	—	24.3	1.1	BS-2800M <sup>18</sup>	20.9	17.9	—	23.9	1.0

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>	126	106	—	146	7	BS-400 <sup>10</sup>	126	106	—	146	7
		BS-200 <sup>2</sup>	126	106	—	146	7	BS-430 <sup>11</sup>	126	106	—	146	7
		BS-200E <sup>3</sup>	126	106	—	146	7	BS-480 <sup>12</sup>	125	107	—	143	6
		BS-240 <sup>4</sup>	128	108	—	148	7	BS-600 <sup>13</sup>	126	106	—	146	7
		BS-240E <sup>5</sup>	126	106	—	146	7	BS-600M <sup>14</sup>	126	108	—	144	6
		BS-300 <sup>6</sup>	126	106	—	146	7	BS-620M <sup>15</sup>	126	108	—	144	6
		BS-330E <sup>7</sup>	126	106	—	146	7	BS-800 <sup>16</sup>	126	106	—	146	7
		BS-360E <sup>8</sup>	126	106	—	146	7	BS-2000 <sup>17</sup>	125	107	—	143	6
		BS-380 <sup>9</sup>	126	106	—	146	7	BS-2800M <sup>18</sup>	126	108	—	144	6
C3	g/L	BS-120 <sup>1</sup>	1.48	1.18	—	1.78	0.10	BS-400 <sup>10</sup>	1.56	1.23	—	1.89	0.11
		BS-200 <sup>2</sup>	1.53	1.23	—	1.83	0.10	BS-430 <sup>11</sup>	1.52	1.22	—	1.82	0.10
		BS-200E <sup>3</sup>	1.57	1.24	—	1.90	0.11	BS-480 <sup>12</sup>	1.48	1.18	—	1.78	0.10
		BS-240 <sup>4</sup>	1.44	1.14	—	1.74	0.10	BS-600 <sup>13</sup>	1.50	1.20	—	1.80	0.10
		BS-240E <sup>5</sup>	1.55	1.25	—	1.85	0.10	BS-600M <sup>14</sup>	1.50	1.20	—	1.80	0.10
		BS-300 <sup>6</sup>	1.50	1.20	—	1.80	0.10	BS-620M <sup>15</sup>	1.50	1.20	—	1.80	0.10
		BS-330E <sup>7</sup>	1.57	1.24	—	1.90	0.11	BS-800 <sup>16</sup>	1.50	1.20	—	1.80	0.10
		BS-360E <sup>8</sup>	1.52	1.22	—	1.82	0.10	BS-2000 <sup>17</sup>	1.56	1.23	—	1.89	0.11
		BS-380 <sup>9</sup>	1.56	1.23	—	1.89	0.11	BS-2800M <sup>18</sup>	1.53	1.23	—	1.83	0.10
C4	g/L	BS-120 <sup>1</sup>	0.268	0.214	—	0.322	0.018	BS-400 <sup>10</sup>	0.269	0.215	—	0.323	0.018
		BS-200 <sup>2</sup>	0.250	0.199	—	0.301	0.017	BS-430 <sup>11</sup>	0.263	0.209	—	0.317	0.018
		BS-200E <sup>3</sup>	0.251	0.200	—	0.302	0.017	BS-480 <sup>12</sup>	0.258	0.207	—	0.309	0.017
		BS-240 <sup>4</sup>	0.264	0.210	—	0.318	0.018	BS-600 <sup>13</sup>	0.260	0.206	—	0.314	0.018
		BS-240E <sup>5</sup>	0.259	0.208	—	0.310	0.017	BS-600M <sup>14</sup>	0.265	0.211	—	0.319	0.018
		BS-300 <sup>6</sup>	0.258	0.207	—	0.309	0.017	BS-620M <sup>15</sup>	0.265	0.211	—	0.319	0.018
		BS-330E <sup>7</sup>	0.251	0.200	—	0.302	0.017	BS-800 <sup>16</sup>	0.259	0.208	—	0.310	0.017
		BS-360E <sup>8</sup>	0.259	0.208	—	0.310	0.017	BS-2000 <sup>17</sup>	0.257	0.206	—	0.308	0.017
		BS-380 <sup>9</sup>	0.266	0.212	—	0.320	0.018	BS-2800M <sup>18</sup>	0.261	0.207	—	0.315	0.018
CRP II	mg/L	BS-120 <sup>1</sup>	1.34	1.07	—	1.61	0.09	BS-400 <sup>10</sup>	1.35	1.08	—	1.62	0.09
		BS-200 <sup>2</sup>	1.25	1.00	—	1.51	0.09	BS-430 <sup>11</sup>	1.32	1.05	—	1.59	0.09
		BS-200E <sup>3</sup>	1.26	1.00	—	1.51	0.09	BS-480 <sup>12</sup>	1.29	1.04	—	1.55	0.09
		BS-240 <sup>4</sup>	1.32	1.05	—	1.59	0.09	BS-600 <sup>13</sup>	1.30	1.03	—	1.57	0.09
		BS-240E <sup>5</sup>	1.30	1.04	—	1.55	0.09	BS-600M <sup>14</sup>	1.33	1.06	—	1.60	0.09
		BS-300 <sup>6</sup>	1.29	1.04	—	1.55	0.09	BS-620M <sup>15</sup>	1.33	1.06	—	1.60	0.09
		BS-330E <sup>7</sup>	1.26	1.00	—	1.51	0.09	BS-800 <sup>16</sup>	1.30	1.04	—	1.55	0.09
		BS-360E <sup>8</sup>	1.30	1.04	—	1.55	0.09	BS-2000 <sup>17</sup>	1.29	1.03	—	1.54	0.09
		BS-380 <sup>9</sup>	1.33	1.06	—	1.60	0.09	BS-2800M <sup>18</sup>	1.31	1.04	—	1.58	0.09
CRP II	nmol/L	BS-120 <sup>1</sup>	55.3	38.8	—	71.8	5.5	BS-400 <sup>10</sup>	56.1	39.3	—	72.9	5.6
		BS-200 <sup>2</sup>	55.8	39.0	—	72.6	5.6	BS-430 <sup>11</sup>	56.4	39.6	—	73.2	5.6
		BS-200E <sup>3</sup>	57.3	40.2	—	74.4	5.7	BS-480 <sup>12</sup>	56.1	39.3	—	72.9	5.6
		BS-240 <sup>4</sup>	56.2	39.4	—	73.0	5.6	BS-600 <sup>13</sup>	56.7	39.6	—	73.8	5.7
		BS-240E <sup>5</sup>	55.1	38.6	—	71.6	5.5	BS-600M <sup>14</sup>	55.8	39.0	—	72.6	5.6
		BS-300 <sup>6</sup>	58.1	40.7	—	75.5	5.8	BS-620M <sup>15</sup>	55.8	39.0	—	72.6	5.6
		BS-330E <sup>7</sup>	57.3	40.2	—	74.4	5.7	BS-800 <sup>16</sup>	55.8	39.0	—	72.6	5.6
		BS-360E <sup>8</sup>	55.8	39.0	—	72.6	5.6	BS-2000 <sup>17</sup>	55.9	39.1	—	72.7	5.6
		BS-380 <sup>9</sup>	56.0	39.2	—	72.8	5.6						
CRP II	nmol/L	BS-120 <sup>1</sup>	526	369	—	684	52	BS-400 <sup>10</sup>	534	374	—	694	53
		BS-200 <sup>2</sup>	531	371	—	691	53	BS-430 <sup>11</sup>	537	377	—	697	53
		BS-200E <sup>3</sup>	545	383	—	708	54	BS-480 <sup>12</sup>	534	374	—	694	53

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>	535	375	—	695	53	BS-600 <sup>13</sup>	540	377	—	703	54
		BS-240E <sup>5</sup>	525	367	—	682	52	BS-600M <sup>14</sup>	531	371	—	691	53
		BS-300 <sup>6</sup>	553	387	—	719	55	BS-620M <sup>15</sup>	531	371	—	691	53
		BS-330E <sup>7</sup>	545	383	—	708	54	BS-800 <sup>16</sup>	531	371	—	691	53
		BS-360E <sup>8</sup>	531	371	—	691	53	BS-2000 <sup>17</sup>	532	372	—	692	53
		BS-380 <sup>9</sup>	533	373	—	693	53						
IgAII	g/L	BS-200 <sup>2</sup>	2.57	2.00	—	3.14	0.19	BS-430 <sup>11</sup>	2.53	1.96	—	3.10	0.19
		BS-200E <sup>3</sup>	2.62	2.02	—	3.22	0.20	BS-480 <sup>12</sup>	2.49	1.92	—	3.06	0.19
		BS-240 <sup>4</sup>	2.51	1.94	—	3.08	0.19	BS-600 <sup>13</sup>	2.46	1.92	—	3.00	0.18
		BS-240E <sup>5</sup>	2.49	1.92	—	3.06	0.19	BS-600M <sup>14</sup>	2.42	1.88	—	2.96	0.18
		BS-330E <sup>7</sup>	2.62	2.02	—	3.22	0.20	BS-620M <sup>15</sup>	2.42	1.88	—	2.96	0.18
		BS-360E <sup>8</sup>	2.45	1.91	—	2.99	0.18	BS-800 <sup>16</sup>	2.47	1.90	—	3.04	0.19
		BS-380 <sup>9</sup>	2.46	1.92	—	3.00	0.18	BS-2000 <sup>17</sup>	2.49	1.92	—	3.06	0.19
		BS-400 <sup>10</sup>	2.49	1.92	—	3.06	0.19	BS-2800M <sup>18</sup>	2.50	1.93	—	3.07	0.19
		BS-200 <sup>2</sup>	16.1	12.5	—	19.6	1.2	BS-430 <sup>11</sup>	15.8	12.3	—	19.4	1.2
		BS-200E <sup>3</sup>	16.4	12.6	—	20.1	1.3	BS-480 <sup>12</sup>	15.6	12.0	—	19.1	1.2
IgG	μmol/L	BS-240 <sup>4</sup>	15.7	12.1	—	19.3	1.2	BS-600 <sup>13</sup>	15.4	12.0	—	18.8	1.1
		BS-240E <sup>5</sup>	15.6	12.0	—	19.1	1.2	BS-600M <sup>14</sup>	15.1	11.8	—	18.5	1.1
		BS-330E <sup>7</sup>	16.4	12.6	—	20.1	1.3	BS-620M <sup>15</sup>	15.1	11.8	—	18.5	1.1
		BS-360E <sup>8</sup>	15.3	11.9	—	18.7	1.1	BS-800 <sup>16</sup>	15.4	11.9	—	19.0	1.2
		BS-380 <sup>9</sup>	15.4	12.0	—	18.8	1.1	BS-2000 <sup>17</sup>	15.6	12.0	—	19.1	1.2
		BS-400 <sup>10</sup>	15.6	12.0	—	19.1	1.2	BS-2800M <sup>18</sup>	15.6	12.1	—	19.2	1.2
		BS-120 <sup>1</sup>	11.9	9.2	—	14.6	0.9	BS-400 <sup>10</sup>	11.8	9.1	—	14.5	0.9
		BS-200 <sup>2</sup>	11.8	9.1	—	14.5	0.9	BS-430 <sup>11</sup>	11.6	8.9	—	14.3	0.9
IgG	g/L	BS-200E <sup>3</sup>	11.2	8.8	—	13.6	0.8	BS-480 <sup>12</sup>	11.5	8.8	—	14.2	0.9
		BS-240 <sup>4</sup>	11.8	9.1	—	14.5	0.9	BS-600 <sup>13</sup>	11.6	8.9	—	14.3	0.9
		BS-240E <sup>5</sup>	11.6	8.9	—	14.3	0.9	BS-600M <sup>14</sup>	11.6	8.9	—	14.3	0.9
		BS-300 <sup>6</sup>	11.8	9.1	—	14.5	0.9	BS-620M <sup>15</sup>	11.6	8.9	—	14.3	0.9
		BS-330E <sup>7</sup>	11.2	8.8	—	13.6	0.8	BS-800 <sup>16</sup>	11.6	8.9	—	14.3	0.9
		BS-360E <sup>8</sup>	11.3	8.9	—	13.7	0.8	BS-2000 <sup>17</sup>	11.7	9.0	—	14.4	0.9
		BS-380 <sup>9</sup>	11.8	9.1	—	14.5	0.9	BS-2800M <sup>18</sup>	11.6	8.9	—	14.3	0.9
		BS-120 <sup>1</sup>	79.4	61.4	—	97.4	6.0	BS-400 <sup>10</sup>	78.7	60.7	—	96.7	6.0
		BS-200 <sup>2</sup>	78.7	60.7	—	96.7	6.0	BS-430 <sup>11</sup>	77.4	59.4	—	95.4	6.0
		BS-200E <sup>3</sup>	74.7	58.7	—	90.7	5.3	BS-480 <sup>12</sup>	76.7	58.7	—	94.7	6.0
IgG	μmol/L	BS-240 <sup>4</sup>	78.7	60.7	—	96.7	6.0	BS-600 <sup>13</sup>	77.4	59.4	—	95.4	6.0
		BS-240E <sup>5</sup>	77.4	59.4	—	95.4	6.0	BS-600M <sup>14</sup>	77.4	59.4	—	95.4	6.0
		BS-300 <sup>6</sup>	78.7	60.7	—	96.7	6.0	BS-620M <sup>15</sup>	77.4	59.4	—	95.4	6.0
		BS-330E <sup>7</sup>	74.7	58.7	—	90.7	5.3	BS-800 <sup>16</sup>	77.4	59.4	—	95.4	6.0
		BS-360E <sup>8</sup>	75.4	59.4	—	91.4	5.3	BS-2000 <sup>17</sup>	78.0	60.0	—	96.0	6.0
		BS-380 <sup>9</sup>	78.7	60.7	—	96.7	6.0	BS-2800M <sup>18</sup>	77.4	59.4	—	95.4	6.0
		BS-120 <sup>1</sup>	1.09	0.85	—	1.33	0.08	BS-400 <sup>10</sup>	1.04	0.80	—	1.28	0.08
		BS-200 <sup>2</sup>	1.00	0.76	—	1.24	0.08	BS-430 <sup>11</sup>	1.07	0.83	—	1.31	0.08
		BS-200E <sup>3</sup>	1.05	0.81	—	1.29	0.08	BS-480 <sup>12</sup>	1.06	0.82	—	1.30	0.08
		IgM	g/L	BS-240 <sup>4</sup>	1.04	0.80	—	1.28	0.08	BS-600 <sup>13</sup>	1.03	0.79	—
BS-240E <sup>5</sup>	1.04			0.80	—	1.28	0.08	BS-600M <sup>14</sup>	1.06	0.82	—	1.30	0.08
BS-300 <sup>6</sup>	1.01			0.77	—	1.25	0.08	BS-620M <sup>15</sup>	1.06	0.82	—	1.30	0.08
BS-330E <sup>7</sup>	1.05			0.81	—	1.29	0.08	BS-800 <sup>16</sup>	1.06	0.82	—	1.30	0.08
BS-360E <sup>8</sup>	1.05			0.81	—	1.29	0.08	BS-2000 <sup>17</sup>	1.06	0.82	—	1.30	0.08

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>	1.04	0.80	—	1.28	0.08	BS-2800M <sup>18</sup>	1.06	0.82	—	1.30	0.08
		BS-120 <sup>1</sup>	1.12	0.88	—	1.37	0.08	BS-400 <sup>10</sup>	1.07	0.82	—	1.32	0.08
		BS-200 <sup>2</sup>	1.03	0.78	—	1.28	0.08	BS-430 <sup>11</sup>	1.10	0.85	—	1.35	0.08
		BS-200E <sup>3</sup>	1.08	0.83	—	1.33	0.08	BS-480 <sup>12</sup>	1.09	0.84	—	1.34	0.08
		BS-240 <sup>4</sup>	1.07	0.82	—	1.32	0.08	BS-600 <sup>13</sup>	1.06	0.81	—	1.31	0.08
	µmol/L	BS-240E <sup>5</sup>	1.07	0.82	—	1.32	0.08	BS-600M <sup>14</sup>	1.09	0.84	—	1.34	0.08
		BS-300 <sup>6</sup>	1.04	0.79	—	1.29	0.08	BS-620M <sup>15</sup>	1.09	0.84	—	1.34	0.08
		BS-330E <sup>7</sup>	1.08	0.83	—	1.33	0.08	BS-800 <sup>16</sup>	1.09	0.84	—	1.34	0.08
		BS-360E <sup>8</sup>	1.08	0.83	—	1.33	0.08	BS-2000 <sup>17</sup>	1.09	0.84	—	1.34	0.08
		BS-380 <sup>9</sup>	1.07	0.82	—	1.32	0.08	BS-2800M <sup>18</sup>	1.09	0.84	—	1.34	0.08
ALBI	g/L	BS-120 <sup>1</sup>	47.3	40.1	—	54.5	2.4	BS-400 <sup>10</sup>	47.7	40.5	—	54.9	2.4
		BS-200 <sup>2</sup>	47.3	40.1	—	54.5	2.4	BS-430 <sup>11</sup>	48.1	40.9	—	55.3	2.4
		BS-200E <sup>3</sup>	48.4	41.2	—	55.6	2.4	BS-480 <sup>12</sup>	46.9	40.0	—	53.8	2.3
		BS-240 <sup>4</sup>	47.5	40.3	—	54.7	2.4	BS-600 <sup>13</sup>	47.3	40.1	—	54.5	2.4
		BS-240E <sup>5</sup>	45.8	38.9	—	52.7	2.3	BS-600M <sup>14</sup>	47.4	40.2	—	54.6	2.4
	µmol/L	BS-300 <sup>6</sup>	48.4	41.2	—	55.6	2.4	BS-620M <sup>15</sup>	47.4	40.2	—	54.6	2.4
		BS-330E <sup>7</sup>	48.4	41.2	—	55.6	2.4	BS-800 <sup>16</sup>	47.7	40.5	—	54.9	2.4
		BS-360E <sup>8</sup>	45.6	38.7	—	52.5	2.3	BS-2000 <sup>17</sup>	47.8	40.6	—	55.0	2.4
		BS-380 <sup>9</sup>	47.9	40.7	—	55.1	2.4	BS-2800M <sup>18</sup>	47.4	40.2	—	54.6	2.4
		BS-120 <sup>1</sup>	719	610	—	828	36	BS-400 <sup>10</sup>	725	616	—	834	36
ALP	U/L	BS-200 <sup>2</sup>	719	610	—	828	36	BS-430 <sup>11</sup>	731	622	—	841	36
		BS-200E <sup>3</sup>	736	626	—	845	36	BS-480 <sup>12</sup>	713	608	—	818	35
		BS-240 <sup>4</sup>	722	613	—	831	36	BS-600 <sup>13</sup>	719	610	—	828	36
		BS-240E <sup>5</sup>	696	591	—	801	35	BS-600M <sup>14</sup>	720	611	—	830	36
		BS-300 <sup>6</sup>	736	626	—	845	36	BS-620M <sup>15</sup>	720	611	—	830	36
	µkat/L	BS-330E <sup>7</sup>	736	626	—	845	36	BS-800 <sup>16</sup>	725	616	—	834	36
		BS-360E <sup>8</sup>	693	588	—	798	35	BS-2000 <sup>17</sup>	727	617	—	836	36
		BS-380 <sup>9</sup>	728	619	—	838	36	BS-2800M <sup>18</sup>	720	611	—	830	36
		BS-120 <sup>1</sup>	240	204	—	276	12	BS-400 <sup>10</sup>	241	205	—	277	12
		BS-200 <sup>2</sup>	235	199	—	271	12	BS-430 <sup>11</sup>	243	207	—	279	12
Ca	mmol/L	BS-200E <sup>3</sup>	241	205	—	277	12	BS-480 <sup>12</sup>	239	203	—	275	12
		BS-240 <sup>4</sup>	235	199	—	271	12	BS-600 <sup>13</sup>	241	205	—	277	12
		BS-240E <sup>5</sup>	235	199	—	271	12	BS-600M <sup>14</sup>	240	204	—	276	12
		BS-300 <sup>6</sup>	239	203	—	275	12	BS-620M <sup>15</sup>	240	204	—	276	12
		BS-330E <sup>7</sup>	241	205	—	277	12	BS-800 <sup>16</sup>	241	205	—	277	12
	µkat/L	BS-360E <sup>8</sup>	237	201	—	273	12	BS-2000 <sup>17</sup>	243	207	—	279	12
		BS-380 <sup>9</sup>	241	205	—	277	12	BS-2800M <sup>18</sup>	238	202	—	274	12
		BS-120 <sup>1</sup>	4.01	3.41	—	4.61	0.20	BS-400 <sup>10</sup>	4.02	3.42	—	4.63	0.20
		BS-200 <sup>2</sup>	3.92	3.32	—	4.53	0.20	BS-430 <sup>11</sup>	4.06	3.46	—	4.66	0.20
		BS-200E <sup>3</sup>	4.02	3.42	—	4.63	0.20	BS-480 <sup>12</sup>	3.99	3.39	—	4.59	0.20
Ca	mmol/L	BS-240 <sup>4</sup>	3.92	3.32	—	4.53	0.20	BS-600 <sup>13</sup>	4.02	3.42	—	4.63	0.20
		BS-240E <sup>5</sup>	3.92	3.32	—	4.53	0.20	BS-600M <sup>14</sup>	4.01	3.41	—	4.61	0.20
		BS-300 <sup>6</sup>	3.99	3.39	—	4.59	0.20	BS-620M <sup>15</sup>	4.01	3.41	—	4.61	0.20
		BS-330E <sup>7</sup>	4.02	3.42	—	4.63	0.20	BS-800 <sup>16</sup>	4.02	3.42	—	4.63	0.20
		BS-360E <sup>8</sup>	3.96	3.36	—	4.56	0.20	BS-2000 <sup>17</sup>	4.06	3.46	—	4.66	0.20
BS-380 <sup>9</sup>	4.02	3.42	—	4.63	0.20	BS-2800M <sup>18</sup>	3.97	3.37	—	4.58	0.20		
Ca	mmol/L	BS-120 <sup>1</sup>	3.12	2.76	—	3.48	0.12	BS-400 <sup>10</sup>	3.31	2.92	—	3.70	0.13
		BS-200 <sup>2</sup>	3.13	2.77	—	3.49	0.12	BS-430 <sup>11</sup>	3.25	2.89	—	3.61	0.12



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>	3.12	2.76	—	3.48	0.12	BS-480 <sup>12</sup>	3.25	2.89	—	3.61	0.12
		BS-240 <sup>4</sup>	3.22	2.86	—	3.58	0.12	BS-600 <sup>13</sup>	3.20	2.84	—	3.56	0.12
		BS-240E <sup>5</sup>	3.14	2.78	—	3.50	0.12	BS-600M <sup>14</sup>	3.26	2.90	—	3.62	0.12
		BS-300 <sup>6</sup>	3.22	2.86	—	3.58	0.12	BS-620M <sup>15</sup>	3.26	2.90	—	3.62	0.12
		BS-330E <sup>7</sup>	3.12	2.76	—	3.48	0.12	BS-800 <sup>16</sup>	3.26	2.90	—	3.62	0.12
		BS-360E <sup>8</sup>	3.15	2.79	—	3.51	0.12	BS-2000 <sup>17</sup>	3.25	2.89	—	3.61	0.12
		BS-380 <sup>9</sup>	3.30	2.91	—	3.69	0.13	BS-2800M <sup>18</sup>	3.21	2.85	—	3.57	0.12
		BS-120 <sup>1</sup>	12.5	11.1	—	14.0	0.5	BS-400 <sup>10</sup>	13.3	11.7	—	14.8	0.5
		BS-200 <sup>2</sup>	12.6	11.1	—	14.0	0.5	BS-430 <sup>11</sup>	13.0	11.6	—	14.5	0.5
	mg/dL	BS-200E <sup>3</sup>	12.5	11.1	—	14.0	0.5	BS-480 <sup>12</sup>	13.0	11.6	—	14.5	0.5
		BS-240 <sup>4</sup>	12.9	11.5	—	14.4	0.5	BS-600 <sup>13</sup>	12.8	11.4	—	14.3	0.5
		BS-240E <sup>5</sup>	12.6	11.1	—	14.0	0.5	BS-600M <sup>14</sup>	13.1	11.6	—	14.5	0.5
		BS-300 <sup>6</sup>	12.9	11.5	—	14.4	0.5	BS-620M <sup>15</sup>	13.1	11.6	—	14.5	0.5
		BS-330E <sup>7</sup>	12.5	11.1	—	14.0	0.5	BS-800 <sup>16</sup>	13.1	11.6	—	14.5	0.5
		BS-360E <sup>8</sup>	12.6	11.2	—	14.1	0.5	BS-2000 <sup>17</sup>	13.0	11.6	—	14.5	0.5
		BS-380 <sup>9</sup>	13.2	11.7	—	14.8	0.5	BS-2800M <sup>18</sup>	12.9	11.4	—	14.3	0.5
		BS-120 <sup>1</sup>	2.84	2.42	—	3.26	0.14	BS-400 <sup>10</sup>	2.88	2.46	—	3.30	0.14
		BS-200 <sup>2</sup>	2.86	2.44	—	3.28	0.14	BS-430 <sup>11</sup>	2.89	2.47	—	3.31	0.14
<b>P</b>	mmol/L	BS-200E <sup>3</sup>	2.89	2.47	—	3.31	0.14	BS-480 <sup>12</sup>	2.81	2.39	—	3.23	0.14
		BS-240 <sup>4</sup>	2.83	2.41	—	3.25	0.14	BS-600 <sup>13</sup>	2.84	2.42	—	3.26	0.14
		BS-240E <sup>5</sup>	2.82	2.40	—	3.24	0.14	BS-600M <sup>14</sup>	2.89	2.47	—	3.31	0.14
		BS-300 <sup>6</sup>	2.83	2.41	—	3.25	0.14	BS-620M <sup>15</sup>	2.89	2.47	—	3.31	0.14
		BS-330E <sup>7</sup>	2.89	2.47	—	3.31	0.14	BS-800 <sup>16</sup>	2.86	2.44	—	3.28	0.14
		BS-360E <sup>8</sup>	2.79	2.37	—	3.21	0.14	BS-2000 <sup>17</sup>	2.86	2.44	—	3.28	0.14
		BS-380 <sup>9</sup>	2.88	2.46	—	3.30	0.14						
		BS-120 <sup>1</sup>	8.80	7.50	—	10.11	0.43	BS-400 <sup>10</sup>	8.93	7.63	—	10.23	0.43
		BS-200 <sup>2</sup>	8.87	7.56	—	10.17	0.43	BS-430 <sup>11</sup>	8.96	7.66	—	10.26	0.43
	mg/dL	BS-200E <sup>3</sup>	8.96	7.66	—	10.26	0.43	BS-480 <sup>12</sup>	8.71	7.41	—	10.01	0.43
		BS-240 <sup>4</sup>	8.77	7.47	—	10.08	0.43	BS-600 <sup>13</sup>	8.80	7.50	—	10.11	0.43
		BS-240E <sup>5</sup>	8.74	7.44	—	10.04	0.43	BS-600M <sup>14</sup>	8.96	7.66	—	10.26	0.43
		BS-300 <sup>6</sup>	8.77	7.47	—	10.08	0.43	BS-620M <sup>15</sup>	8.96	7.66	—	10.26	0.43
		BS-330E <sup>7</sup>	8.96	7.66	—	10.26	0.43	BS-800 <sup>16</sup>	8.87	7.56	—	10.17	0.43
		BS-360E <sup>8</sup>	8.65	7.35	—	9.95	0.43	BS-2000 <sup>17</sup>	8.87	7.56	—	10.17	0.43
		BS-380 <sup>9</sup>	8.93	7.63	—	10.23	0.43						
		BS-120 <sup>1</sup>	2.88	2.46	—	3.30	0.14	BS-400 <sup>10</sup>	2.88	2.46	—	3.30	0.14
		BS-200 <sup>2</sup>	2.86	2.44	—	3.28	0.14	BS-430 <sup>11</sup>	2.91	2.46	—	3.36	0.15
<b>P II</b>	mmol/L	BS-200E <sup>3</sup>	2.88	2.46	—	3.30	0.14	BS-480 <sup>12</sup>	2.88	2.46	—	3.30	0.14
		BS-240 <sup>4</sup>	2.87	2.45	—	3.29	0.14	BS-600 <sup>13</sup>	2.88	2.46	—	3.30	0.14
		BS-240E <sup>5</sup>	2.79	2.37	—	3.21	0.14	BS-600M <sup>14</sup>	2.89	2.47	—	3.31	0.14
		BS-300 <sup>6</sup>	2.91	2.46	—	3.36	0.15	BS-620M <sup>15</sup>	2.89	2.47	—	3.31	0.14
		BS-330E <sup>7</sup>	2.88	2.46	—	3.30	0.14	BS-800 <sup>16</sup>	2.88	2.46	—	3.30	0.14
		BS-360E <sup>8</sup>	2.81	2.39	—	3.23	0.14	BS-2000 <sup>17</sup>	2.87	2.45	—	3.29	0.14
		BS-380 <sup>9</sup>	2.88	2.46	—	3.30	0.14	BS-2800M <sup>18</sup>	2.89	2.47	—	3.31	0.14
		BS-120 <sup>1</sup>	8.93	7.63	—	10.23	0.43	BS-400 <sup>10</sup>	8.93	7.63	—	10.23	0.43
		BS-200 <sup>2</sup>	8.87	7.56	—	10.17	0.43	BS-430 <sup>11</sup>	9.02	7.63	—	10.42	0.47
	mg/dL	BS-200E <sup>3</sup>	8.93	7.63	—	10.23	0.43	BS-480 <sup>12</sup>	8.93	7.63	—	10.23	0.43
		BS-240 <sup>4</sup>	8.90	7.60	—	10.20	0.43	BS-600 <sup>13</sup>	8.93	7.63	—	10.23	0.43
		BS-240E <sup>5</sup>	8.65	7.35	—	9.95	0.43	BS-600M <sup>14</sup>	8.96	7.66	—	10.26	0.43

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>	9.02	7.63	—	10.42	0.47	<b>BS-620M<sup>15</sup></b>	8.96	7.66	—	10.26	0.43
		<b>BS-330E<sup>7</sup></b>	8.93	7.63	—	10.23	0.43	<b>BS-800<sup>16</sup></b>	8.93	7.63	—	10.23	0.43
		<b>BS-360E<sup>8</sup></b>	8.71	7.41	—	10.01	0.43	<b>BS-2000<sup>17</sup></b>	8.90	7.60	—	10.20	0.43
		<b>BS-380<sup>9</sup></b>	8.93	7.63	—	10.23	0.43	<b>BS-2800M<sup>18</sup></b>	8.96	7.66	—	10.26	0.43
<b>TC</b>	mmol/L	<b>BS-120<sup>1</sup></b>	4.49	3.89	—	5.09	0.20	<b>BS-400<sup>10</sup></b>	4.53	3.93	—	5.13	0.20
		<b>BS-200<sup>2</sup></b>	4.40	3.80	—	5.00	0.20	<b>BS-430<sup>11</sup></b>	4.53	3.93	—	5.13	0.20
		<b>BS-200E<sup>3</sup></b>	4.53	3.93	—	5.13	0.20	<b>BS-480<sup>12</sup></b>	4.53	3.93	—	5.13	0.20
		<b>BS-240<sup>4</sup></b>	4.53	3.93	—	5.13	0.20	<b>BS-600<sup>13</sup></b>	4.53	3.93	—	5.13	0.20
		<b>BS-240E<sup>5</sup></b>	4.52	3.92	—	5.12	0.20	<b>BS-600M<sup>14</sup></b>	4.50	3.90	—	5.10	0.20
		<b>BS-300<sup>6</sup></b>	4.50	3.90	—	5.10	0.20	<b>BS-620M<sup>15</sup></b>	4.50	3.90	—	5.10	0.20
	mg/dL	<b>BS-330E<sup>7</sup></b>	4.53	3.93	—	5.13	0.20	<b>BS-800<sup>16</sup></b>	4.53	3.93	—	5.13	0.20
		<b>BS-360E<sup>8</sup></b>	4.38	3.78	—	4.98	0.20	<b>BS-2000<sup>17</sup></b>	4.49	3.89	—	5.09	0.20
		<b>BS-380<sup>9</sup></b>	4.53	3.93	—	5.13	0.20	<b>BS-2800M<sup>18</sup></b>	4.50	3.90	—	5.10	0.20
		<b>BS-120<sup>1</sup></b>	174	150	—	197	8	<b>BS-400<sup>10</sup></b>	175	152	—	198	8
		<b>BS-200<sup>2</sup></b>	170	147	—	193	8	<b>BS-430<sup>11</sup></b>	175	152	—	198	8
		<b>BS-200E<sup>3</sup></b>	175	152	—	198	8	<b>BS-480<sup>12</sup></b>	175	152	—	198	8
<b>TG</b>	mmol/L	<b>BS-240<sup>4</sup></b>	175	152	—	198	8	<b>BS-600<sup>13</sup></b>	175	152	—	198	8
		<b>BS-240E<sup>5</sup></b>	175	152	—	198	8	<b>BS-600M<sup>14</sup></b>	174	151	—	197	8
		<b>BS-300<sup>6</sup></b>	174	151	—	197	8	<b>BS-620M<sup>15</sup></b>	174	151	—	197	8
		<b>BS-330E<sup>7</sup></b>	175	152	—	198	8	<b>BS-800<sup>16</sup></b>	175	152	—	198	8
		<b>BS-360E<sup>8</sup></b>	169	146	—	193	8	<b>BS-2000<sup>17</sup></b>	174	150	—	197	8
		<b>BS-380<sup>9</sup></b>	175	152	—	198	8	<b>BS-2800M<sup>18</sup></b>	174	151	—	197	8
	mg/dL	<b>BS-120<sup>1</sup></b>	2.31	2.01	—	2.61	0.10	<b>BS-400<sup>10</sup></b>	2.35	2.02	—	2.68	0.11
		<b>BS-200<sup>2</sup></b>	2.31	2.01	—	2.61	0.10	<b>BS-430<sup>11</sup></b>	2.40	2.07	—	2.73	0.11
		<b>BS-200E<sup>3</sup></b>	2.36	2.03	—	2.69	0.11	<b>BS-480<sup>12</sup></b>	2.32	2.02	—	2.62	0.10
		<b>BS-240<sup>4</sup></b>	2.34	2.01	—	2.67	0.11	<b>BS-600<sup>13</sup></b>	2.35	2.02	—	2.68	0.11
		<b>BS-240E<sup>5</sup></b>	2.28	1.98	—	2.58	0.10	<b>BS-600M<sup>14</sup></b>	2.38	2.05	—	2.71	0.11
		<b>BS-300<sup>6</sup></b>	2.33	2.03	—	2.63	0.10	<b>BS-620M<sup>15</sup></b>	2.38	2.05	—	2.71	0.11
<b>CI-</b>	mmol/L	<b>BS-330E<sup>7</sup></b>	2.36	2.03	—	2.69	0.11	<b>BS-800<sup>16</sup></b>	2.38	2.05	—	2.71	0.11
		<b>BS-360E<sup>8</sup></b>	2.28	1.98	—	2.58	0.10	<b>BS-2000<sup>17</sup></b>	2.37	2.04	—	2.70	0.11
		<b>BS-380<sup>9</sup></b>	2.35	2.02	—	2.68	0.11	<b>BS-2800M<sup>18</sup></b>	2.38	2.05	—	2.71	0.11
		<b>BS-120<sup>1</sup></b>	204	178	—	231	9	<b>BS-400<sup>10</sup></b>	208	179	—	237	10
		<b>BS-200<sup>2</sup></b>	204	178	—	231	9	<b>BS-430<sup>11</sup></b>	212	183	—	242	10
		<b>BS-200E<sup>3</sup></b>	209	180	—	238	10	<b>BS-480<sup>12</sup></b>	205	179	—	232	9
	mg/dL	<b>BS-240<sup>4</sup></b>	207	178	—	236	10	<b>BS-600<sup>13</sup></b>	208	179	—	237	10
		<b>BS-240E<sup>5</sup></b>	202	175	—	228	9	<b>BS-600M<sup>14</sup></b>	211	181	—	240	10
		<b>BS-300<sup>6</sup></b>	206	180	—	233	9	<b>BS-620M<sup>15</sup></b>	211	181	—	240	10
		<b>BS-330E<sup>7</sup></b>	209	180	—	238	10	<b>BS-800<sup>16</sup></b>	211	181	—	240	10
		<b>BS-360E<sup>8</sup></b>	202	175	—	228	9	<b>BS-2000<sup>17</sup></b>	210	181	—	239	10
		<b>BS-380<sup>9</sup></b>	208	179	—	237	10	<b>BS-2800M<sup>18</sup></b>	211	181	—	240	10
<b>CI-</b>	mmol/L	<b>BS-120<sup>1</sup></b>	112	100	—	124	4	<b>BS-380<sup>9</sup></b>	113	101	—	125	4
		<b>BS-200<sup>2</sup></b>	112	100	—	124	4	<b>BS-400<sup>10</sup></b>	112	100	—	124	4
		<b>BS-200E<sup>3</sup></b>	112	100	—	124	4	<b>BS-430<sup>11</sup></b>	111	99	—	123	4
		<b>BS-240<sup>4</sup></b>	112	100	—	124	4	<b>BS-480<sup>12</sup></b>	112	100	—	124	4
		<b>BS-240E<sup>5</sup></b>	110	98	—	122	4	<b>BS-600<sup>13</sup></b>	109	97	—	121	4
		<b>BS-300<sup>6</sup></b>	112	100	—	124	4	<b>BS-600M<sup>14</sup></b>	111	99	—	123	4
		<b>BS-330E<sup>7</sup></b>	112	100	—	124	4	<b>BS-620M<sup>15</sup></b>	111	99	—	123	4
		<b>BS-360E<sup>8</sup></b>	112	100	—	124	4						

Abbreviated name	Unit	Model	Assay Value	Range(Assay Value±3SD)			1 SD	Model	Assay Value	Range(Assay Value±3SD)			1 SD	
Cl-	mmol/L	BS-800 <sup>16</sup>	109	97	—	121	4	BS-2800M <sup>18</sup>	109	97	—	121	4	
		BS-2000 <sup>17</sup>	109	97	—	121	4							
Na+	mmol/L	BS-120 <sup>1</sup>	152	137	—	167	5	BS-380 <sup>9</sup>	153	138	—	168	5	
		BS-200 <sup>2</sup>	152	137	—	167	5	BS-400 <sup>10</sup>	152	137	—	167	5	
		BS-200E <sup>3</sup>	152	137	—	167	5	BS-430 <sup>11</sup>	151	136	—	166	5	
		BS-240 <sup>4</sup>	152	137	—	167	5	BS-480 <sup>12</sup>	155	140	—	170	5	
		BS-240E <sup>5</sup>	149	134	—	164	5	BS-600 <sup>13</sup>	151	136	—	166	5	
		BS-300 <sup>6</sup>	152	137	—	167	5	BS-600M <sup>14</sup>	152	137	—	167	5	
		BS-330E <sup>7</sup>	152	137	—	167	5	BS-620M <sup>15</sup>	152	137	—	167	5	
		BS-360E <sup>8</sup>	152	137	—	167	5							
		mmol/L	BS-800 <sup>16</sup>	138	123	—	153	5	BS-2800M <sup>18</sup>	139	124	—	154	5
			BS-2000 <sup>17</sup>	138	123	—	153	5						
K+	mmol/L	BS-120 <sup>1</sup>	6.63	5.97	—	7.29	0.22	BS-380 <sup>9</sup>	6.55	5.89	—	7.21	0.22	
		BS-200 <sup>2</sup>	6.63	5.97	—	7.29	0.22	BS-400 <sup>10</sup>	6.63	5.97	—	7.29	0.22	
		BS-200E <sup>3</sup>	6.63	5.97	—	7.29	0.22	BS-430 <sup>11</sup>	6.58	5.92	—	7.24	0.22	
		BS-240 <sup>4</sup>	6.63	5.97	—	7.29	0.22	BS-480 <sup>12</sup>	6.59	5.93	—	7.25	0.22	
		BS-240E <sup>5</sup>	6.32	5.69	—	6.95	0.21	BS-600 <sup>13</sup>	6.41	5.78	—	7.04	0.21	
		BS-300 <sup>6</sup>	6.63	5.97	—	7.29	0.22	BS-600M <sup>14</sup>	6.59	5.93	—	7.25	0.22	
		BS-330E <sup>7</sup>	6.63	5.97	—	7.29	0.22	BS-620M <sup>15</sup>	6.59	5.93	—	7.25	0.22	
		BS-360E <sup>8</sup>	6.63	5.97	—	7.29	0.22							
mmol/L	BS-800 <sup>16</sup>	6.07	5.47	—	6.67	0.20	BS-2800M <sup>18</sup>	6.11	5.51	—	6.71	0.20		
	BS-2000 <sup>17</sup>	6.07	5.47	—	6.67	0.20								

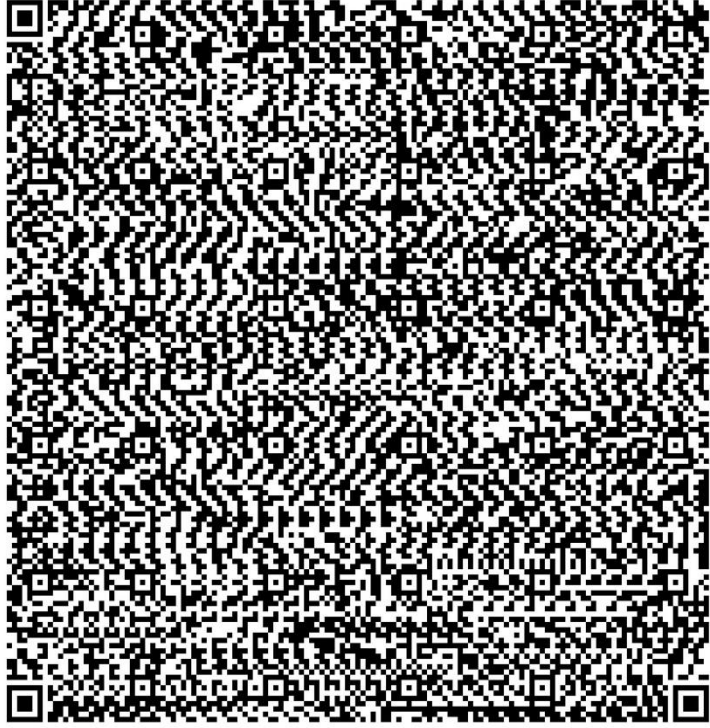
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**ClinChem Multi Control (level 2)**

For use on: BS-2800M

**LOT 059423012**

**2025-11-23**



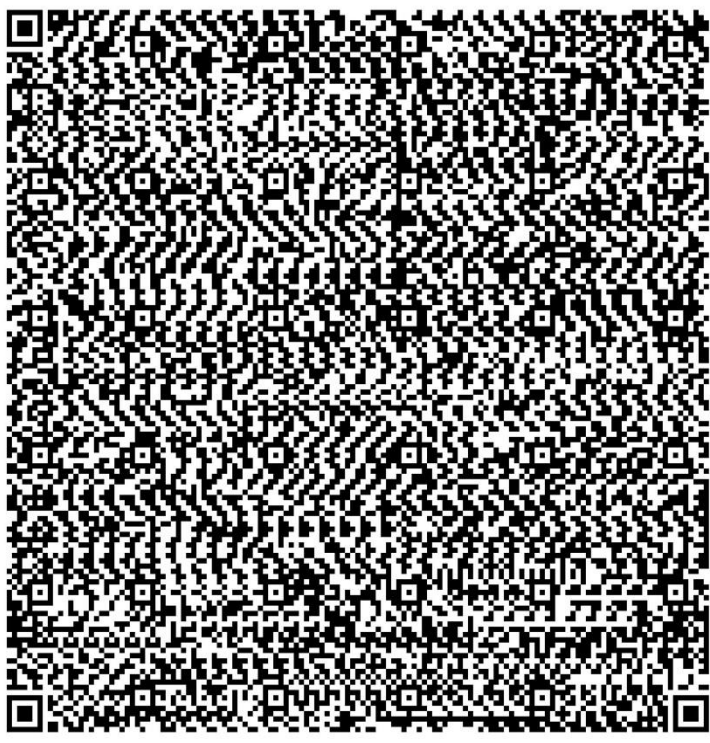
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**ClinChem Multi Control (level 2)**

For use on: BS-2000

**LOT 059423012**

**2025-11-23**



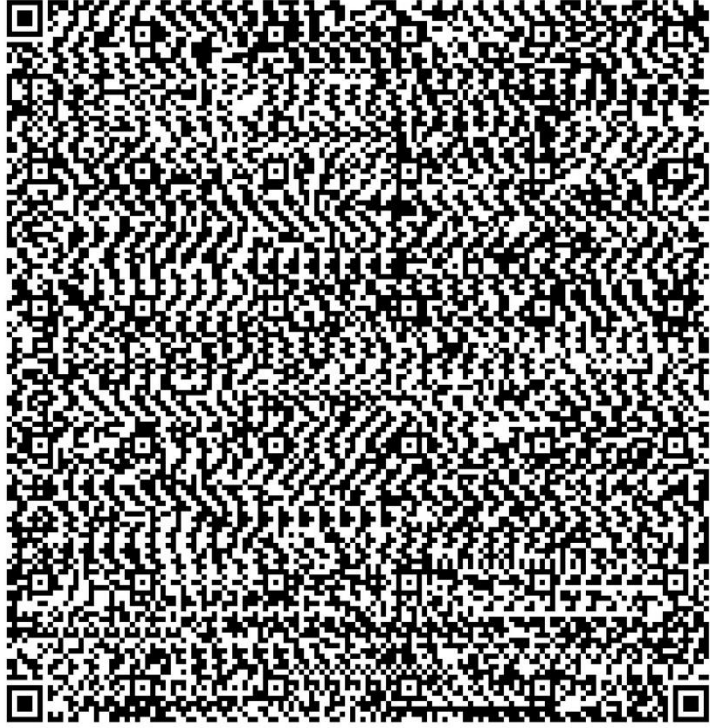
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**ClinChem Multi Control (level 2)**

For use on: BS-620M

**LOT 059423012**

**2025-11-23**



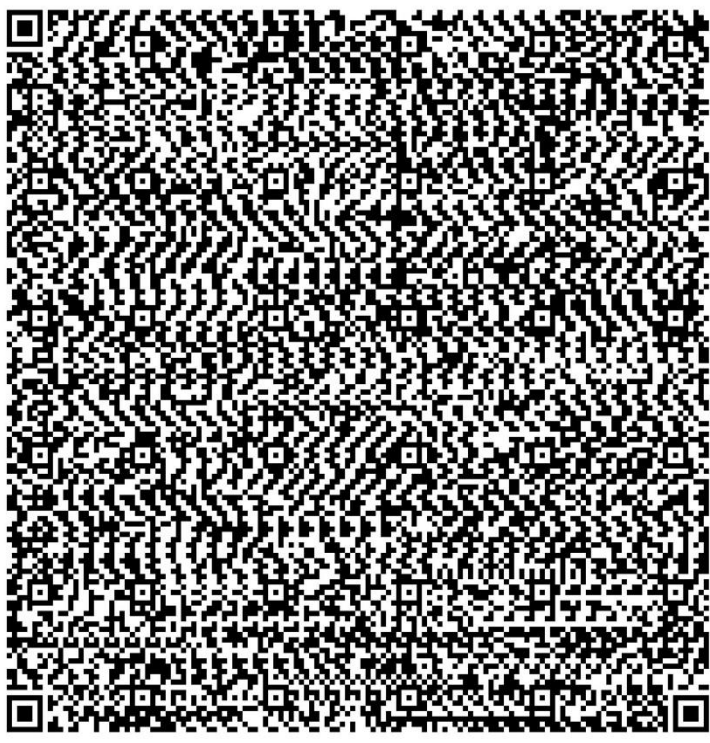
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**ClinChem Multi Control (level 2)**

For use on: BS-600M

**LOT 059423012**

**2025-11-23**



# **mindray**

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

For use on: BS-800

**LOT** 059423012

 2025-11-23

