

## Value sheet of Mindray BS Measurement System

Русский : Таблица результатов для системы BS компании Mindray

Português : Planilha de valores do Sistema de Medição BS da Mindray

Español : Hoja de valores del sistema de medición Mindray BS

Italiano : Scheda dei valori del sistema di misurazione BS di Mindray

Türkçe : Mindray BS Ölçüm Sistemi'nin değer sayfası

The data of each group is same.

Português : A dados de cada grupo é a mesma.

Italiano : la dati di ogni gruppo è la stessa.

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

2.**BS-180**: BS-180, BS-190;

3.**BS-200**: BS-200, BS-220;

4.**BS-200E**: BS-200E, BS-220E;

5.**BS-230**: BS-230, BS-240, BS-240VET;

6.**BS-240E**: BS240E, BS240Pro;

7.**BS-300**: BS-300, BS-320;

8.**BS-330**: BS-330, BS-350;

9.**BS-330E**:BS-330E(Serial Number starts with "XQ-"),

**BS-350E**(Serial Number starts with "XS-");

Русский : Данные совпадают во всех группах.

Español : la datos de cada grupo es la misma.

Türkçe : her grubun veri aynıdır.

10.**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");

11.**BS-380**: BS-380, BS-390;

12.**BS-400**: BS-400, BS-420;

13.**BS-430**: BS-430, BS-450, BS-460;

14.**BS-480**: BS-480, BS-490;

15.**BS-600**: BS-600, BS-620;

16.**BS-600M**: BS-600M;

17.**BS-620M**: BS-620M;

18.**BS-800**: BS-800, BS-820, BS-800M, BS-820M,

BS-1800, BS-1800plus;

19.**BS-2000**: BS-2000, BS-2200, BS-2000M, BS-2200M;

20.**BS-2800M**: BS-2600M.

**LOT** : 059423009

: 2025-04-30

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

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

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

	LDL-C	CK	CK-MB	Crea	GLU
English	LDL-Cholesterol	Creatine Kinase	Creatine Kinase-MB	Creatinine	Glucose
Русский	Холестерин ЛПНП	Креатинкиназа	МВ фракцию креатинкиназы	Креатинин	Глюкоза
Português	Colesterol LDL	Creatina Quinase	creatina quinase-MB	Creatinina	Glicose
Español	Colesterol LDL	Creatina quinasa	creatina quinasa-MB	Creatinina	Glucosa
Italiano	Colesterol LDL	Creatina chinase	creatina chinasi-MB	Creatinina	Glucosio
Türkçe	LDL-Kolesterol	Kreatin Kinaz	Kreatin Kinaz-MB	Kreatinin	Glukoz

	GGT	α-HBDH	ApoA1	ApoB	C3
English	Gamma-Glutamyltransferase	α-Hydroxybutyrate Dehydrogenase	Apolipoprotein A1	Apolipoprotein B	Complement C3
Русский	Гамма-глутамилтрансфераза	α-гидроксибутират дегидрогеназа	Аполипопротеин A1	Аполипопротеин B	Комплемент C3
Português	Gama Glutamil Transferase	α-Hidroxiturato Desidrogenase	Apolipoproteína A1	Apolipoproteína B	complemento C3

<b>Español</b>	Gamma-Glutamiltransferasa	α-hidroxitbutirato deshidrogenasa	Apolipoproteína A1	Apolipoproteína B	complemento C3
<b>Italiano</b>	Gamma-glutamilttransferasi	α-idrossibutirrato deidrogenasi	Apolipoproteina A1	Apolipoproteina B	complemento C3
<b>Türkçe</b>	Gama-Glutamiltransferaz	α-Hidroksibütirat Dehidrogenaz	Apolipoprotein A1	Apolipoprotein B	Kompleman C3

	<b>C4</b>	<b>CRP</b>	<b>IgA</b>	<b>IgG</b>	<b>IgM</b>
<b>English</b>	Complement C4	C- Reactive protein	Immunoglobulin A	Immunoglobulin G	Immunoglobulin M
<b>Русский</b>	Комплемент C4	C-реактивный белок	Иммуноглобулин A	Иммуноглобулин G	Иммуноглобулин M
<b>Português</b>	complemento C4	proteína C-reativa	Imunoglobulina A	Imunoglobulina G	Imunoglobulina M
<b>Español</b>	complemento C4	proteína C reactiva	Inmunoglobulina A	Inmunoglobulina G	Inmunoglobulina M
<b>Italiano</b>	complemento C4	proteina C-reattiva	Immunoglobulina A	Immunoglobulina G	Immunoglobulina M
<b>Türkçe</b>	Kompleman C4	C-Reaktif proteini	İmmünoglobulin A	İmmünoglobulin G	İmmünoglobulin M

	<b>PA</b>	<b>LDH</b>	<b>Mg</b>	<b>P</b>	<b>TP</b>
<b>English</b>	Prealbumin	Lactate Dehydrogenase	Magnesium	Phosphorus	Total Protein
<b>Русский</b>	преальбумина	Лактатдегидрогеназа	Магний	Фосфор	Общий белок
<b>Português</b>	pré-albumina	Lactato Desidrogenase	Magnésio	Fósforo	Proteína Total
<b>Español</b>	Prealbúmina	Lactato deshidrogenasa	Magnesio	Fósforo	Proteínas totales
<b>Italiano</b>	prealbumina	Lattato deidrogenasi	Magnesio	Fosforo	Proteina totale
<b>Türkçe</b>	Prealbümin	Laktat Dehidrogenaz	Magnezyum	Fosfor	Total Protein

	<b>TG</b>	<b>UA</b>	<b>Urea</b>	<b>LIP</b>	<b>CHE</b>
<b>English</b>	Triglycerides	Uric Acid	Urea	Lipase	Cholinesterase
<b>Русский</b>	Триглицериды	Мочевая кислота	Мочевина	Липаза	Холинэстераза
<b>Português</b>	Triglicérideos	Ácido Úrico	Ureia	Lipase	Colinesterase
<b>Español</b>	Triglicéridos	Ácido úrico	Urea	Lipasa	Colinesterasa
<b>Italiano</b>	Trigliceridi	Acido urico	Urea	Lipasi	Colinesterasi
<b>Türkçe</b>	Trigliseritler	Ürik Asit	Üre	Lipaz	Kolinesteraz

	<b>Fe</b>	<b>UIBC</b>	<b>ASO</b>	<b>FER</b>	<b>TRF</b>
<b>English</b>	Iron	Unsaturated Iron Binding Capacity	Antistreptolysin "O"	Ferritin	Transferrin
<b>Русский</b>	Железо	ненасыщенная железосвязывающая способность	антистрептолизина O	ферритина	трансферрина
<b>Português</b>	Ferro	Capacidade de ligação de ferro insaturado	Antiestreptolisina "O"	Ferritina	Transferrina
<b>Español</b>	Hierro	Capacidad de unión de hierro no saturado	antiestreptolisina "O"	Ferritina	Transferrina
<b>Italiano</b>	Ferro	Capacità di legame del ferro insaturo	Anti-Streptolisina "O"	Ferritina	Transferrina
<b>Türkçe</b>	Demir	Unsature Demir Bağlama Kapasitesi	Antistreptolisın "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	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD
<b>ALB II</b>	<b>BS-120</b> <sup>1</sup>	g/L	48.8	41.5 — 56.1	2.4	<b>BS-380</b> <sup>11</sup>	g/L	49.0	41.7 — 56.4	2.5
		µmol/L	742	631 — 853	36		µmol/L	745	634 — 857	38
	<b>BS-180</b> <sup>2</sup>	g/L	48.8	41.5 — 56.1	2.4	<b>BS-400</b> <sup>12</sup>	g/L	48.9	41.6 — 56.2	2.4
		µmol/L	742	631 — 853	36		µmol/L	743	632 — 854	36
	<b>BS-200</b> <sup>3</sup>	g/L	49.0	41.7 — 56.4	2.5	<b>BS-430</b> <sup>13</sup>	g/L	49.4	42.0 — 56.8	2.5
		µmol/L	745	634 — 857	38		µmol/L	751	638 — 863	38
	<b>BS-200E</b> <sup>4</sup>	g/L	47.9	40.7 — 55.1	2.4	<b>BS-480</b> <sup>14</sup>	g/L	49.4	42.0 — 56.8	2.5
		µmol/L	728	619 — 838	36		µmol/L	751	638 — 863	38
	<b>BS-230</b> <sup>5</sup>	g/L	49.5	42.1 — 56.9	2.5	<b>BS-600</b> <sup>15</sup>	g/L	48.8	41.5 — 56.1	2.4
		µmol/L	752	640 — 865	38		µmol/L	742	631 — 853	36
	<b>BS-240E</b> <sup>6</sup>	g/L	47.8	40.6 — 55.0	2.4	<b>BS-600M</b> <sup>16</sup>	g/L	50.3	42.8 — 57.8	2.5
		µmol/L	727	617 — 836	36		µmol/L	765	651 — 879	38
	<b>BS-300</b> <sup>7</sup>	g/L	49.7	42.2 — 57.2	2.5	<b>BS-620M</b> <sup>17</sup>	g/L	50.3	42.8 — 57.8	2.5
		µmol/L	755	641 — 869	38		µmol/L	765	651 — 879	38
	<b>BS-330</b> <sup>8</sup>	g/L	49.0	41.7 — 56.4	2.5	<b>BS-800</b> <sup>18</sup>	g/L	49.2	41.8 — 56.6	2.5
		µmol/L	745	634 — 857	38		µmol/L	748	635 — 860	38
	<b>BS-330E</b> <sup>9</sup>	g/L	47.9	40.7 — 55.1	2.4	<b>BS-2000</b> <sup>19</sup>	g/L	49.2	41.8 — 56.6	2.5
		µmol/L	728	619 — 838	36		µmol/L	748	635 — 860	38
	<b>BS-360E</b> <sup>10</sup>	g/L	47.4	40.3 — 54.5	2.4	<b>BS-2800M</b> <sup>20</sup>	g/L	50.3	42.8 — 57.8	2.5
		µmol/L	720	613 — 828	36		µmol/L	765	651 — 879	38

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>ALP</b>	BS-120 <sup>1</sup>	U/L	232	197	—	267	12	BS-380 <sup>11</sup>	U/L	235	200	—	270	12
		µkat/L	3.87	3.29	—	4.46	0.20		µkat/L	3.92	3.34	—	4.51	0.20
	BS-180 <sup>2</sup>	U/L	232	197	—	267	12	BS-400 <sup>12</sup>	U/L	235	200	—	270	12
		µkat/L	3.87	3.29	—	4.46	0.20		µkat/L	3.92	3.34	—	4.51	0.20
	BS-200 <sup>3</sup>	U/L	230	196	—	265	12	BS-430 <sup>13</sup>	U/L	233	198	—	268	12
		µkat/L	3.84	3.27	—	4.43	0.20		µkat/L	3.89	3.31	—	4.48	0.20
	BS-200E <sup>4</sup>	U/L	235	200	—	270	12	BS-480 <sup>14</sup>	U/L	232	197	—	267	12
		µkat/L	3.92	3.34	—	4.51	0.20		µkat/L	3.87	3.29	—	4.46	0.20
	BS-230 <sup>5</sup>	U/L	230	196	—	265	12	BS-600 <sup>15</sup>	U/L	239	203	—	275	12
		µkat/L	3.84	3.27	—	4.43	0.20		µkat/L	3.99	3.39	—	4.59	0.20
	BS-240E <sup>6</sup>	U/L	232	197	—	267	12	BS-600M <sup>16</sup>	U/L	239	203	—	275	12
		µkat/L	3.87	3.29	—	4.46	0.20		µkat/L	3.99	3.39	—	4.59	0.20
	BS-300 <sup>7</sup>	U/L	232	197	—	267	12	BS-620M <sup>17</sup>	U/L	239	203	—	275	12
		µkat/L	3.87	3.29	—	4.46	0.20		µkat/L	3.99	3.39	—	4.59	0.20
	BS-330 <sup>8</sup>	U/L	230	196	—	265	12	BS-800 <sup>18</sup>	U/L	239	203	—	275	12
		µkat/L	3.84	3.27	—	4.43	0.20		µkat/L	3.99	3.39	—	4.59	0.20
	BS-330E <sup>9</sup>	U/L	235	200	—	270	12	BS-2000 <sup>19</sup>	U/L	234	199	—	269	12
		µkat/L	3.92	3.34	—	4.51	0.20		µkat/L	3.91	3.32	—	4.49	0.20
	BS-360E <sup>10</sup>	U/L	232	197	—	267	12	BS-2800M <sup>20</sup>	U/L	236	201	—	271	12
		µkat/L	3.87	3.29	—	4.46	0.20		µkat/L	3.94	3.36	—	4.53	0.20
<b>ALT</b>	BS-120 <sup>1</sup>	U/L	150	128	—	173	8	BS-380 <sup>11</sup>	U/L	151	128	—	174	8
		µkat/L	2.51	2.14	—	2.89	0.13		µkat/L	2.52	2.14	—	2.91	0.13
	BS-180 <sup>2</sup>	U/L	150	128	—	173	8	BS-400 <sup>12</sup>	U/L	151	128	—	174	8
		µkat/L	2.51	2.14	—	2.89	0.13		µkat/L	2.52	2.14	—	2.91	0.13
	BS-200 <sup>3</sup>	U/L	150	128	—	173	8	BS-430 <sup>13</sup>	U/L	149	127	—	171	7
		µkat/L	2.51	2.14	—	2.89	0.13		µkat/L	2.49	2.12	—	2.86	0.12
	BS-200E <sup>4</sup>	U/L	150	128	—	173	8	BS-480 <sup>14</sup>	U/L	150	128	—	173	8
		µkat/L	2.51	2.14	—	2.89	0.13		µkat/L	2.51	2.14	—	2.89	0.13
	BS-230 <sup>5</sup>	U/L	150	128	—	173	8	BS-600 <sup>15</sup>	U/L	149	127	—	171	7
		µkat/L	2.51	2.14	—	2.89	0.13		µkat/L	2.49	2.12	—	2.86	0.12
	BS-240E <sup>6</sup>	U/L	148	126	—	170	7	BS-600M <sup>16</sup>	U/L	152	129	—	175	8
		µkat/L	2.47	2.10	—	2.84	0.12		µkat/L	2.54	2.15	—	2.92	0.13
	BS-300 <sup>7</sup>	U/L	149	127	—	171	7	BS-620M <sup>17</sup>	U/L	152	129	—	175	8
		µkat/L	2.49	2.12	—	2.86	0.12		µkat/L	2.54	2.15	—	2.92	0.13
	BS-330 <sup>8</sup>	U/L	150	128	—	173	8	BS-800 <sup>18</sup>	U/L	149	127	—	171	7
		µkat/L	2.51	2.14	—	2.89	0.13		µkat/L	2.49	2.12	—	2.86	0.12
	BS-330E <sup>9</sup>	U/L	150	128	—	173	8	BS-2000 <sup>19</sup>	U/L	149	127	—	171	7
		µkat/L	2.51	2.14	—	2.89	0.13		µkat/L	2.49	2.12	—	2.86	0.12
	BS-360E <sup>10</sup>	U/L	150	128	—	173	8	BS-2800M <sup>20</sup>	U/L	152	129	—	175	8
		µkat/L	2.51	2.14	—	2.89	0.13		µkat/L	2.54	2.15	—	2.92	0.13
<b>α-AMY</b>	BS-120 <sup>1</sup>	U/L	208	177	—	239	10	BS-380 <sup>11</sup>	U/L	210	179	—	242	11
		µkat/L	3.47	2.96	—	3.99	0.17		µkat/L	3.51	2.99	—	4.04	0.18
	BS-180 <sup>2</sup>	U/L	208	177	—	239	10	BS-400 <sup>12</sup>	U/L	210	179	—	242	11
		µkat/L	3.47	2.96	—	3.99	0.17		µkat/L	3.51	2.99	—	4.04	0.18
	BS-200 <sup>3</sup>	U/L	202	172	—	232	10	BS-430 <sup>13</sup>	U/L	209	178	—	240	10
		µkat/L	3.37	2.87	—	3.87	0.17		µkat/L	3.49	2.97	—	4.01	0.17
	BS-200E <sup>4</sup>	U/L	208	177	—	239	10	BS-480 <sup>14</sup>	U/L	207	176	—	238	10
		µkat/L	3.47	2.96	—	3.99	0.17		µkat/L	3.46	2.94	—	3.97	0.17
	BS-230 <sup>5</sup>	U/L	212	180	—	244	11	BS-600 <sup>15</sup>	U/L	208	177	—	239	10
		µkat/L	3.54	3.01	—	4.07	0.18		µkat/L	3.47	2.96	—	3.99	0.17
	BS-240E <sup>6</sup>	U/L	206	175	—	237	10	BS-600M <sup>16</sup>	U/L	210	179	—	242	11
		µkat/L	3.44	2.92	—	3.96	0.17		µkat/L	3.51	2.99	—	4.04	0.18
	BS-300 <sup>7</sup>	U/L	211	179	—	243	11	BS-620M <sup>17</sup>	U/L	210	179	—	242	11
		µkat/L	3.52	2.99	—	4.06	0.18		µkat/L	3.51	2.99	—	4.04	0.18
	BS-330 <sup>8</sup>	U/L	202	172	—	232	10	BS-800 <sup>18</sup>	U/L	208	177	—	239	10
		µkat/L	3.37	2.87	—	3.87	0.17		µkat/L	3.47	2.96	—	3.99	0.17
	BS-330E <sup>9</sup>	U/L	208	177	—	239	10	BS-2000 <sup>19</sup>	U/L	210	179	—	242	11
		µkat/L	3.47	2.96	—	3.99	0.17		µkat/L	3.51	2.99	—	4.04	0.18
	BS-360E <sup>10</sup>	U/L	207	176	—	238	10	BS-2800M <sup>20</sup>	U/L	210	179	—	242	11
		µkat/L	3.46	2.94	—	3.97	0.17		µkat/L	3.51	2.99	—	4.04	0.18

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>AST</b>	BS-120 <sup>1</sup>	U/L	154	131	—	177	8	BS-380 <sup>11</sup>	U/L	154	131	—	177	8
		µkat/L	2.57	2.19	—	2.96	0.13		µkat/L	2.57	2.19	—	2.96	0.13
	BS-180 <sup>2</sup>	U/L	154	131	—	177	8	BS-400 <sup>12</sup>	U/L	154	131	—	177	8
		µkat/L	2.57	2.19	—	2.96	0.13		µkat/L	2.57	2.19	—	2.96	0.13
	BS-200 <sup>3</sup>	U/L	154	131	—	177	8	BS-430 <sup>13</sup>	U/L	155	132	—	178	8
		µkat/L	2.57	2.19	—	2.96	0.13		µkat/L	2.59	2.20	—	2.97	0.13
	BS-200E <sup>4</sup>	U/L	155	132	—	178	8	BS-480 <sup>14</sup>	U/L	155	132	—	178	8
		µkat/L	2.59	2.20	—	2.97	0.13		µkat/L	2.59	2.20	—	2.97	0.13
	BS-230 <sup>5</sup>	U/L	154	131	—	177	8	BS-600 <sup>15</sup>	U/L	155	132	—	178	8
		µkat/L	2.57	2.19	—	2.96	0.13		µkat/L	2.59	2.20	—	2.97	0.13
	BS-240E <sup>6</sup>	U/L	155	132	—	178	8	BS-600M <sup>16</sup>	U/L	153	130	—	176	8
		µkat/L	2.59	2.20	—	2.97	0.13		µkat/L	2.56	2.17	—	2.94	0.13
	BS-300 <sup>7</sup>	U/L	154	131	—	177	8	BS-620M <sup>17</sup>	U/L	153	130	—	176	8
		µkat/L	2.57	2.19	—	2.96	0.13		µkat/L	2.56	2.17	—	2.94	0.13
	BS-330 <sup>8</sup>	U/L	154	131	—	177	8	BS-800 <sup>18</sup>	U/L	155	132	—	178	8
		µkat/L	2.57	2.19	—	2.96	0.13		µkat/L	2.59	2.20	—	2.97	0.13
	BS-330E <sup>9</sup>	U/L	155	132	—	178	8	BS-2000 <sup>19</sup>	U/L	155	132	—	178	8
		µkat/L	2.59	2.20	—	2.97	0.13		µkat/L	2.59	2.20	—	2.97	0.13
	BS-360E <sup>10</sup>	U/L	155	132	—	178	8	BS-2800M <sup>20</sup>	U/L	153	130	—	176	8
		µkat/L	2.59	2.20	—	2.97	0.13		µkat/L	2.56	2.17	—	2.94	0.13
<b>Bil-D (DSA) II</b>	BS-120 <sup>1</sup>	µmol/L	46.0	35.7	—	56.4	3.5	BS-380 <sup>11</sup>	µmol/L	46.1	35.7	—	56.5	3.5
		mg/dL	2.69	2.09	—	3.30	0.20		mg/dL	2.70	2.09	—	3.30	0.20
	BS-180 <sup>2</sup>	µmol/L	46.0	35.7	—	56.4	3.5	BS-400 <sup>12</sup>	µmol/L	46.0	35.7	—	56.4	3.5
		mg/dL	2.69	2.09	—	3.30	0.20		mg/dL	2.69	2.09	—	3.30	0.20
	BS-200 <sup>3</sup>	µmol/L	46.5	36.0	—	57.0	3.5	BS-430 <sup>13</sup>	µmol/L	46.5	36.0	—	57.0	3.5
		mg/dL	2.72	2.11	—	3.33	0.20		mg/dL	2.72	2.11	—	3.33	0.20
	BS-200E <sup>4</sup>	µmol/L	46.1	35.7	—	56.5	3.5	BS-480 <sup>14</sup>	µmol/L	46.3	35.9	—	56.7	3.5
		mg/dL	2.70	2.09	—	3.30	0.20		mg/dL	2.71	2.10	—	3.32	0.20
	BS-230 <sup>5</sup>	µmol/L	46.2	35.8	—	56.6	3.5	BS-600 <sup>15</sup>	µmol/L	46.3	35.9	—	56.7	3.5
		mg/dL	2.70	2.09	—	3.31	0.20		mg/dL	2.71	2.10	—	3.32	0.20
	BS-240E <sup>6</sup>	µmol/L	46.4	36.0	—	56.8	3.5	BS-600M <sup>16</sup>	µmol/L	46.9	36.3	—	57.5	3.5
		mg/dL	2.71	2.11	—	3.32	0.20		mg/dL	2.74	2.12	—	3.36	0.20
	BS-300 <sup>7</sup>	µmol/L	46.3	35.9	—	56.7	3.5	BS-620M <sup>17</sup>	µmol/L	46.9	36.3	—	57.5	3.5
		mg/dL	2.71	2.10	—	3.32	0.20		mg/dL	2.74	2.12	—	3.36	0.20
	BS-330 <sup>8</sup>	µmol/L	46.5	36.0	—	57.0	3.5	BS-800 <sup>18</sup>	µmol/L	46.5	36.0	—	57.0	3.5
		mg/dL	2.72	2.11	—	3.33	0.20		mg/dL	2.72	2.11	—	3.33	0.20
	BS-330E <sup>9</sup>	µmol/L	46.1	35.7	—	56.5	3.5	BS-2000 <sup>19</sup>	µmol/L	46.6	36.1	—	57.1	3.5
		mg/dL	2.70	2.09	—	3.30	0.20		mg/dL	2.73	2.11	—	3.34	0.20
	BS-360E <sup>10</sup>	µmol/L	46.8	36.3	—	57.3	3.5	BS-2800M <sup>20</sup>	µmol/L	46.8	36.3	—	57.3	3.5
		mg/dL	2.74	2.12	—	3.35	0.20		mg/dL	2.74	2.12	—	3.35	0.20
<b>Bil-D (VOX)</b>	BS-120 <sup>1</sup>	µmol/L	32.9	25.5	—	40.3	2.5	BS-380 <sup>11</sup>	µmol/L	33.1	25.7	—	40.5	2.5
		mg/dL	1.92	1.49	—	2.36	0.15		mg/dL	1.94	1.50	—	2.37	0.15
	BS-180 <sup>2</sup>	µmol/L	32.9	25.5	—	40.3	2.5	BS-400 <sup>12</sup>	µmol/L	33.1	25.7	—	40.5	2.5
		mg/dL	1.92	1.49	—	2.36	0.15		mg/dL	1.94	1.50	—	2.37	0.15
	BS-200 <sup>3</sup>	µmol/L	32.9	25.5	—	40.3	2.5	BS-430 <sup>13</sup>	µmol/L	33.2	25.7	—	40.7	2.5
		mg/dL	1.92	1.49	—	2.36	0.15		mg/dL	1.94	1.50	—	2.38	0.15
	BS-200E <sup>4</sup>	µmol/L	33.5	26.0	—	41.0	2.5	BS-480 <sup>14</sup>	µmol/L	32.5	25.2	—	39.8	2.4
		mg/dL	1.96	1.52	—	2.40	0.15		mg/dL	1.90	1.47	—	2.33	0.14
	BS-230 <sup>5</sup>	µmol/L	33.6	26.0	—	41.2	2.5	BS-600 <sup>15</sup>	µmol/L	33.5	26.0	—	41.0	2.5
		mg/dL	1.96	1.52	—	2.41	0.15		mg/dL	1.96	1.52	—	2.40	0.15
	BS-240E <sup>6</sup>	µmol/L	32.5	25.2	—	39.8	2.4	BS-600M <sup>16</sup>	µmol/L	33.5	26.0	—	41.0	2.5
		mg/dL	1.90	1.47	—	2.33	0.14		mg/dL	1.96	1.52	—	2.40	0.15
	BS-300 <sup>7</sup>	µmol/L	32.6	25.3	—	39.9	2.4	BS-620M <sup>17</sup>	µmol/L	33.5	26.0	—	41.0	2.5
		mg/dL	1.91	1.48	—	2.33	0.14		mg/dL	1.96	1.52	—	2.40	0.15
	BS-330 <sup>8</sup>	µmol/L	32.9	25.5	—	40.3	2.5	BS-800 <sup>18</sup>	µmol/L	33.1	25.7	—	40.5	2.5
		mg/dL	1.92	1.49	—	2.36	0.15		mg/dL	1.94	1.50	—	2.37	0.15
	BS-330E <sup>9</sup>	µmol/L	33.5	26.0	—	41.0	2.5	BS-2000 <sup>19</sup>	µmol/L	33.1	25.7	—	40.5	2.5
		mg/dL	1.96	1.52	—	2.40	0.15		mg/dL	1.94	1.50	—	2.37	0.15
	BS-360E <sup>10</sup>	µmol/L	33.0	25.6	—	40.4	2.5	BS-2800M <sup>20</sup>	µmol/L	33.1	25.7	—	40.5	2.5
		mg/dL	1.93	1.50	—	2.36	0.15		mg/dL	1.94	1.50	—	2.37	0.15

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>Bil-T (DSA) II</b>	BS-120 <sup>1</sup>	μmol/L	71.7	55.6	—	87.8	5.4	BS-380 <sup>11</sup>	μmol/L	72.3	56.0	—	88.6	5.4
		mg/dL	4.19	3.25	—	5.13	0.32		mg/dL	4.23	3.27	—	5.18	0.32
	BS-180 <sup>2</sup>	μmol/L	71.7	55.6	—	87.8	5.4	BS-400 <sup>12</sup>	μmol/L	72.3	56.0	—	88.6	5.4
		mg/dL	4.19	3.25	—	5.13	0.32		mg/dL	4.23	3.27	—	5.18	0.32
	BS-200 <sup>3</sup>	μmol/L	71.2	55.2	—	87.2	5.3	BS-430 <sup>13</sup>	μmol/L	73.5	57.0	—	90.0	5.5
		mg/dL	4.16	3.23	—	5.10	0.31		mg/dL	4.30	3.33	—	5.26	0.32
	BS-200E <sup>4</sup>	μmol/L	72.3	56.0	—	88.6	5.4	BS-480 <sup>14</sup>	μmol/L	72.2	56.0	—	88.4	5.4
		mg/dL	4.23	3.27	—	5.18	0.32		mg/dL	4.22	3.27	—	5.17	0.32
	BS-230 <sup>5</sup>	μmol/L	71.8	55.6	—	88.0	5.4	BS-600 <sup>15</sup>	μmol/L	73.5	57.0	—	90.0	5.5
		mg/dL	4.20	3.25	—	5.15	0.32		mg/dL	4.30	3.33	—	5.26	0.32
	BS-240E <sup>6</sup>	μmol/L	71.8	55.6	—	88.0	5.4	BS-600M <sup>16</sup>	μmol/L	73.4	56.9	—	89.9	5.5
		mg/dL	4.20	3.25	—	5.15	0.32		mg/dL	4.29	3.33	—	5.26	0.32
	BS-300 <sup>7</sup>	μmol/L	72.3	56.0	—	88.6	5.4	BS-620M <sup>17</sup>	μmol/L	73.4	56.9	—	89.9	5.5
		mg/dL	4.23	3.27	—	5.18	0.32		mg/dL	4.29	3.33	—	5.26	0.32
	BS-330 <sup>8</sup>	μmol/L	71.2	55.2	—	87.2	5.3	BS-800 <sup>18</sup>	μmol/L	73.5	57.0	—	90.0	5.5
		mg/dL	4.16	3.23	—	5.10	0.31		mg/dL	4.30	3.33	—	5.26	0.32
	BS-330E <sup>9</sup>	μmol/L	72.3	56.0	—	88.6	5.4	BS-2000 <sup>19</sup>	μmol/L	73.8	57.2	—	90.4	5.5
		mg/dL	4.23	3.27	—	5.18	0.32		mg/dL	4.32	3.35	—	5.29	0.32
BS-360E <sup>10</sup>	μmol/L	73.5	57.0	—	90.0	5.5	BS-2800M <sup>20</sup>	μmol/L	73.4	56.9	—	89.9	5.5	
	mg/dL	4.30	3.33	—	5.26	0.32		mg/dL	4.29	3.33	—	5.26	0.32	
<b>Bil-T (VOX)</b>	BS-120 <sup>1</sup>	μmol/L	64.5	50.0	—	79.0	4.8	BS-380 <sup>11</sup>	μmol/L	64.9	50.3	—	79.5	4.9
		mg/dL	3.77	2.92	—	4.62	0.28		mg/dL	3.80	2.94	—	4.65	0.29
	BS-180 <sup>2</sup>	μmol/L	64.5	50.0	—	79.0	4.8	BS-400 <sup>12</sup>	μmol/L	64.9	50.3	—	79.5	4.9
		mg/dL	3.77	2.92	—	4.62	0.28		mg/dL	3.80	2.94	—	4.65	0.29
	BS-200 <sup>3</sup>	μmol/L	64.5	50.0	—	79.0	4.8	BS-430 <sup>13</sup>	μmol/L	65.9	51.1	—	80.7	4.9
		mg/dL	3.77	2.92	—	4.62	0.28		mg/dL	3.85	2.99	—	4.72	0.29
	BS-200E <sup>4</sup>	μmol/L	64.9	50.3	—	79.5	4.9	BS-480 <sup>14</sup>	μmol/L	65.9	51.1	—	80.7	4.9
		mg/dL	3.80	2.94	—	4.65	0.29		mg/dL	3.85	2.99	—	4.72	0.29
	BS-230 <sup>5</sup>	μmol/L	63.3	49.1	—	77.5	4.7	BS-600 <sup>15</sup>	μmol/L	65.9	51.1	—	80.7	4.9
		mg/dL	3.70	2.87	—	4.53	0.27		mg/dL	3.85	2.99	—	4.72	0.29
	BS-240E <sup>6</sup>	μmol/L	65.9	51.1	—	80.7	4.9	BS-600M <sup>16</sup>	μmol/L	65.3	50.6	—	80.0	4.9
		mg/dL	3.85	2.99	—	4.72	0.29		mg/dL	3.82	2.96	—	4.68	0.29
	BS-300 <sup>7</sup>	μmol/L	64.9	50.3	—	79.5	4.9	BS-620M <sup>17</sup>	μmol/L	65.3	50.6	—	80.0	4.9
		mg/dL	3.80	2.94	—	4.65	0.29		mg/dL	3.82	2.96	—	4.68	0.29
	BS-330 <sup>8</sup>	μmol/L	64.5	50.0	—	79.0	4.8	BS-800 <sup>18</sup>	μmol/L	65.9	51.1	—	80.7	4.9
		mg/dL	3.77	2.92	—	4.62	0.28		mg/dL	3.85	2.99	—	4.72	0.29
	BS-330E <sup>9</sup>	μmol/L	64.9	50.3	—	79.5	4.9	BS-2000 <sup>19</sup>	μmol/L	65.8	51.0	—	80.6	4.9
		mg/dL	3.80	2.94	—	4.65	0.29		mg/dL	3.85	2.98	—	4.71	0.29
BS-360E <sup>10</sup>	μmol/L	65.9	51.1	—	80.7	4.9	BS-2800M <sup>20</sup>	μmol/L	65.3	50.6	—	80.0	4.9	
	mg/dL	3.85	2.99	—	4.72	0.29		mg/dL	3.82	2.96	—	4.68	0.29	
<b>Ca</b>	BS-120 <sup>1</sup>	mmol/L	3.28	2.91	—	3.65	0.12	BS-380 <sup>11</sup>	mmol/L	3.40	3.01	—	3.79	0.13
		mg/dL	13.2	11.7	—	14.6	0.5		mg/dL	13.6	12.1	—	15.2	0.5
	BS-180 <sup>2</sup>	mmol/L	3.28	2.91	—	3.65	0.12	BS-400 <sup>12</sup>	mmol/L	3.35	2.97	—	3.73	0.13
		mg/dL	13.2	11.7	—	14.6	0.5		mg/dL	13.4	11.9	—	15.0	0.5
	BS-200 <sup>3</sup>	mmol/L	3.36	2.98	—	3.74	0.13	BS-430 <sup>13</sup>	mmol/L	3.29	2.91	—	3.67	0.13
		mg/dL	13.5	11.9	—	15.0	0.5		mg/dL	13.2	11.7	—	14.7	0.5
	BS-200E <sup>4</sup>	mmol/L	3.16	2.80	—	3.52	0.12	BS-480 <sup>14</sup>	mmol/L	3.29	2.91	—	3.67	0.13
		mg/dL	12.7	11.2	—	14.1	0.5		mg/dL	13.2	11.7	—	14.7	0.5
	BS-230 <sup>5</sup>	mmol/L	3.23	2.86	—	3.60	0.12	BS-600 <sup>15</sup>	mmol/L	3.23	2.86	—	3.60	0.12
		mg/dL	13.0	11.5	—	14.4	0.5		mg/dL	13.0	11.5	—	14.4	0.5
	BS-240E <sup>6</sup>	mmol/L	3.22	2.85	—	3.59	0.12	BS-600M <sup>16</sup>	mmol/L	3.26	2.89	—	3.63	0.12
		mg/dL	12.9	11.4	—	14.4	0.5		mg/dL	13.1	11.6	—	14.6	0.5
	BS-300 <sup>7</sup>	mmol/L	3.27	2.90	—	3.64	0.12	BS-620M <sup>17</sup>	mmol/L	3.26	2.89	—	3.63	0.12
		mg/dL	13.1	11.6	—	14.6	0.5		mg/dL	13.1	11.6	—	14.6	0.5
	BS-330 <sup>8</sup>	mmol/L	3.36	2.98	—	3.74	0.13	BS-800 <sup>18</sup>	mmol/L	3.25	2.88	—	3.62	0.12
		mg/dL	13.5	11.9	—	15.0	0.5		mg/dL	13.0	11.5	—	14.5	0.5
	BS-330E <sup>9</sup>	mmol/L	3.16	2.80	—	3.52	0.12	BS-2000 <sup>19</sup>	mmol/L	3.24	2.87	—	3.61	0.12
		mg/dL	12.7	11.2	—	14.1	0.5		mg/dL	13.0	11.5	—	14.5	0.5
BS-360E <sup>10</sup>	mmol/L	3.17	2.81	—	3.53	0.12	BS-2800M <sup>20</sup>	mmol/L	3.23	2.86	—	3.60	0.12	
	mg/dL	12.7	11.3	—	14.2	0.5		mg/dL	13.0	11.5	—	14.4	0.5	

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
TC	BS-120 <sup>1</sup>	mmol/L	4.37	3.78	—	4.96	0.20	BS-380 <sup>11</sup>	mmol/L	4.37	3.78	—	4.96	0.20
		mg/dL	169	146	—	192	8		mg/dL	169	146	—	192	8
	BS-180 <sup>2</sup>	mmol/L	4.37	3.78	—	4.96	0.20	BS-400 <sup>12</sup>	mmol/L	4.37	3.78	—	4.96	0.20
		mg/dL	169	146	—	192	8		mg/dL	169	146	—	192	8
	BS-200 <sup>3</sup>	mmol/L	4.35	3.76	—	4.94	0.20	BS-430 <sup>13</sup>	mmol/L	4.42	3.82	—	5.02	0.20
		mg/dL	168	145	—	191	8		mg/dL	171	148	—	194	8
	BS-200E <sup>4</sup>	mmol/L	4.37	3.78	—	4.96	0.20	BS-480 <sup>14</sup>	mmol/L	4.42	3.82	—	5.02	0.20
		mg/dL	169	146	—	192	8		mg/dL	171	148	—	194	8
	BS-230 <sup>5</sup>	mmol/L	4.35	3.76	—	4.94	0.20	BS-600 <sup>15</sup>	mmol/L	4.42	3.82	—	5.02	0.20
		mg/dL	168	145	—	191	8		mg/dL	171	148	—	194	8
	BS-240E <sup>6</sup>	mmol/L	4.34	3.75	—	4.93	0.20	BS-600M <sup>16</sup>	mmol/L	4.37	3.78	—	4.96	0.20
		mg/dL	168	145	—	191	8		mg/dL	169	146	—	192	8
BS-300 <sup>7</sup>	mmol/L	4.39	3.80	—	4.98	0.20	BS-620M <sup>17</sup>	mmol/L	4.37	3.78	—	4.96	0.20	
	mg/dL	170	147	—	193	8		mg/dL	169	146	—	192	8	
BS-330 <sup>8</sup>	mmol/L	4.35	3.76	—	4.94	0.20	BS-800 <sup>18</sup>	mmol/L	4.42	3.82	—	5.02	0.20	
	mg/dL	168	145	—	191	8		mg/dL	171	148	—	194	8	
BS-330E <sup>9</sup>	mmol/L	4.37	3.78	—	4.96	0.20	BS-2000 <sup>19</sup>	mmol/L	4.34	3.75	—	4.93	0.20	
	mg/dL	169	146	—	192	8		mg/dL	168	145	—	191	8	
BS-360E <sup>10</sup>	mmol/L	4.33	3.75	—	4.91	0.19	BS-2800M <sup>20</sup>	mmol/L	4.37	3.78	—	4.96	0.20	
	mg/dL	167	145	—	190	7		mg/dL	169	146	—	192	8	
HDL-C	BS-120 <sup>1</sup>	mmol/L	1.34	1.04	—	1.64	0.10	BS-380 <sup>11</sup>	mmol/L	1.36	1.05	—	1.67	0.10
		mg/dL	51.8	40.2	—	63.4	3.9		mg/dL	52.6	40.6	—	64.6	3.9
	BS-180 <sup>2</sup>	mmol/L	1.34	1.04	—	1.64	0.10	BS-400 <sup>12</sup>	mmol/L	1.30	1.01	—	1.59	0.10
		mg/dL	51.8	40.2	—	63.4	3.9		mg/dL	50.3	39.0	—	61.5	3.9
	BS-200 <sup>3</sup>	mmol/L	1.32	1.02	—	1.62	0.10	BS-430 <sup>13</sup>	mmol/L	1.36	1.05	—	1.67	0.10
		mg/dL	51.0	39.4	—	62.6	3.9		mg/dL	52.6	40.6	—	64.6	3.9
	BS-200E <sup>4</sup>	mmol/L	1.31	1.02	—	1.60	0.10	BS-480 <sup>14</sup>	mmol/L	1.39	1.08	—	1.70	0.10
		mg/dL	50.6	39.4	—	61.9	3.9		mg/dL	53.7	41.8	—	65.7	3.9
	BS-230 <sup>5</sup>	mmol/L	1.32	1.02	—	1.62	0.10	BS-600 <sup>15</sup>	mmol/L	1.29	1.00	—	1.58	0.10
		mg/dL	51.0	39.4	—	62.6	3.9		mg/dL	49.9	38.7	—	61.1	3.9
	BS-240E <sup>6</sup>	mmol/L	1.35	1.05	—	1.65	0.10	BS-600M <sup>16</sup>	mmol/L	1.32	1.02	—	1.62	0.10
		mg/dL	52.2	40.6	—	63.8	3.9		mg/dL	51.0	39.4	—	62.6	3.9
BS-300 <sup>7</sup>	mmol/L	1.32	1.02	—	1.62	0.10	BS-620M <sup>17</sup>	mmol/L	1.32	1.02	—	1.62	0.10	
	mg/dL	51.0	39.4	—	62.6	3.9		mg/dL	51.0	39.4	—	62.6	3.9	
BS-330 <sup>8</sup>	mmol/L	1.32	1.02	—	1.62	0.10	BS-800 <sup>18</sup>	mmol/L	1.34	1.04	—	1.64	0.10	
	mg/dL	51.0	39.4	—	62.6	3.9		mg/dL	51.8	40.2	—	63.4	3.9	
BS-330E <sup>9</sup>	mmol/L	1.31	1.02	—	1.60	0.10	BS-2000 <sup>19</sup>	mmol/L	1.33	1.03	—	1.63	0.10	
	mg/dL	50.6	39.4	—	61.9	3.9		mg/dL	51.4	39.8	—	63.0	3.9	
BS-360E <sup>10</sup>	mmol/L	1.31	1.02	—	1.60	0.10	BS-2800M <sup>20</sup>	mmol/L	1.32	1.02	—	1.62	0.10	
	mg/dL	50.6	39.4	—	61.9	3.9		mg/dL	51.0	39.4	—	62.6	3.9	
LDL-C	BS-120 <sup>1</sup>	mmol/L	2.70	2.09	—	3.31	0.20	BS-380 <sup>11</sup>	mmol/L	2.83	2.19	—	3.47	0.21
		mg/dL	104	81	—	128	8		mg/dL	109	85	—	134	8
	BS-180 <sup>2</sup>	mmol/L	2.70	2.09	—	3.31	0.20	BS-400 <sup>12</sup>	mmol/L	2.78	2.15	—	3.41	0.21
		mg/dL	104	81	—	128	8		mg/dL	107	83	—	132	8
	BS-200 <sup>3</sup>	mmol/L	2.74	2.12	—	3.36	0.21	BS-430 <sup>13</sup>	mmol/L	2.80	2.17	—	3.43	0.21
		mg/dL	106	82	—	130	8		mg/dL	108	84	—	133	8
	BS-200E <sup>4</sup>	mmol/L	2.77	2.15	—	3.39	0.21	BS-480 <sup>14</sup>	mmol/L	2.83	2.19	—	3.47	0.21
		mg/dL	107	83	—	131	8		mg/dL	109	85	—	134	8
	BS-230 <sup>5</sup>	mmol/L	2.69	2.08	—	3.30	0.20	BS-600 <sup>15</sup>	mmol/L	2.73	2.12	—	3.34	0.20
		mg/dL	104	80	—	128	8		mg/dL	106	82	—	129	8
	BS-240E <sup>6</sup>	mmol/L	2.80	2.17	—	3.43	0.21	BS-600M <sup>16</sup>	mmol/L	2.86	2.22	—	3.50	0.21
		mg/dL	108	84	—	133	8		mg/dL	111	86	—	135	8
BS-300 <sup>7</sup>	mmol/L	2.83	2.19	—	3.47	0.21	BS-620M <sup>17</sup>	mmol/L	2.86	2.22	—	3.50	0.21	
	mg/dL	109	85	—	134	8		mg/dL	111	86	—	135	8	
BS-330 <sup>8</sup>	mmol/L	2.74	2.12	—	3.36	0.21	BS-800 <sup>18</sup>	mmol/L	2.82	2.19	—	3.45	0.21	
	mg/dL	106	82	—	130	8		mg/dL	109	85	—	133	8	
BS-330E <sup>9</sup>	mmol/L	2.77	2.15	—	3.39	0.21	BS-2000 <sup>19</sup>	mmol/L	2.83	2.19	—	3.47	0.21	
	mg/dL	107	83	—	131	8		mg/dL	109	85	—	134	8	
BS-360E <sup>10</sup>	mmol/L	2.82	2.19	—	3.45	0.21	BS-2800M <sup>20</sup>	mmol/L	2.86	2.22	—	3.50	0.21	
	mg/dL	109	85	—	133	8		mg/dL	111	86	—	135	8	

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>CK</b>	BS-120 <sup>1</sup>	U/L	250	213	—	288	13	BS-380 <sup>11</sup>	U/L	255	217	—	293	13
		µkat/L	4.18	3.56	—	4.81	0.22		µkat/L	4.26	3.62	—	4.89	0.22
	BS-180 <sup>2</sup>	U/L	250	213	—	288	13	BS-400 <sup>12</sup>	U/L	255	217	—	293	13
		µkat/L	4.18	3.56	—	4.81	0.22		µkat/L	4.26	3.62	—	4.89	0.22
	BS-200 <sup>3</sup>	U/L	252	214	—	290	13	BS-430 <sup>13</sup>	U/L	254	216	—	292	13
		µkat/L	4.21	3.57	—	4.84	0.22		µkat/L	4.24	3.61	—	4.88	0.22
	BS-200E <sup>4</sup>	U/L	256	218	—	294	13	BS-480 <sup>14</sup>	U/L	252	214	—	290	13
		µkat/L	4.28	3.64	—	4.91	0.22		µkat/L	4.21	3.57	—	4.84	0.22
	BS-230 <sup>5</sup>	U/L	261	222	—	300	13	BS-600 <sup>15</sup>	U/L	256	218	—	294	13
		µkat/L	4.36	3.71	—	5.01	0.22		µkat/L	4.28	3.64	—	4.91	0.22
	BS-240E <sup>6</sup>	U/L	254	216	—	292	13	BS-600M <sup>16</sup>	U/L	254	216	—	292	13
		µkat/L	4.24	3.61	—	4.88	0.22		µkat/L	4.24	3.61	—	4.88	0.22
	BS-300 <sup>7</sup>	U/L	255	217	—	293	13	BS-620M <sup>17</sup>	U/L	254	216	—	292	13
		µkat/L	4.26	3.62	—	4.89	0.22		µkat/L	4.24	3.61	—	4.88	0.22
	BS-330 <sup>8</sup>	U/L	252	214	—	290	13	BS-800 <sup>18</sup>	U/L	254	216	—	292	13
		µkat/L	4.21	3.57	—	4.84	0.22		µkat/L	4.24	3.61	—	4.88	0.22
	BS-330E <sup>9</sup>	U/L	256	218	—	294	13	BS-2000 <sup>19</sup>	U/L	253	215	—	291	13
		µkat/L	4.28	3.64	—	4.91	0.22		µkat/L	4.23	3.59	—	4.86	0.22
	BS-360E <sup>10</sup>	U/L	254	216	—	292	13	BS-2800M <sup>20</sup>	U/L	254	216	—	292	13
		µkat/L	4.24	3.61	—	4.88	0.22		µkat/L	4.24	3.61	—	4.88	0.22
<b>CK-MB</b>	BS-120 <sup>1</sup>	U/L	95.4	73.9	—	116.9	7.2	BS-380 <sup>11</sup>	U/L	99.2	76.9	—	121.5	7.4
		µkat/L	1.59	1.23	—	1.95	0.12		µkat/L	1.66	1.28	—	2.03	0.12
	BS-180 <sup>2</sup>	U/L	95.4	73.9	—	116.9	7.2	BS-400 <sup>12</sup>	U/L	98.0	76.0	—	120.1	7.4
		µkat/L	1.59	1.23	—	1.95	0.12		µkat/L	1.64	1.27	—	2.01	0.12
	BS-200 <sup>3</sup>	U/L	94.4	73.2	—	115.6	7.1	BS-430 <sup>13</sup>	U/L	97.2	75.3	—	119.1	7.3
		µkat/L	1.58	1.22	—	1.93	0.12		µkat/L	1.62	1.26	—	1.99	0.12
	BS-200E <sup>4</sup>	U/L	94.0	72.9	—	115.2	7.1	BS-480 <sup>14</sup>	U/L	98.7	76.5	—	120.9	7.4
		µkat/L	1.57	1.22	—	1.92	0.12		µkat/L	1.65	1.28	—	2.02	0.12
	BS-230 <sup>5</sup>	U/L	97.5	75.6	—	119.4	7.3	BS-600 <sup>15</sup>	U/L	97.4	75.5	—	119.3	7.3
		µkat/L	1.63	1.26	—	1.99	0.12		µkat/L	1.63	1.26	—	1.99	0.12
	BS-240E <sup>6</sup>	U/L	97.6	75.6	—	119.6	7.3	BS-600M <sup>16</sup>	U/L	98.2	76.1	—	120.3	7.4
		µkat/L	1.63	1.26	—	2.00	0.12		µkat/L	1.64	1.27	—	2.01	0.12
	BS-300 <sup>7</sup>	U/L	98.2	76.1	—	120.3	7.4	BS-620M <sup>17</sup>	U/L	98.2	76.1	—	120.3	7.4
		µkat/L	1.64	1.27	—	2.01	0.12		µkat/L	1.64	1.27	—	2.01	0.12
	BS-330 <sup>8</sup>	U/L	94.4	73.2	—	115.6	7.1	BS-800 <sup>18</sup>	U/L	97.8	75.8	—	119.8	7.3
		µkat/L	1.58	1.22	—	1.93	0.12		µkat/L	1.63	1.27	—	2.00	0.12
	BS-330E <sup>9</sup>	U/L	94.0	72.9	—	115.2	7.1	BS-2000 <sup>19</sup>	U/L	96.9	75.1	—	118.7	7.3
		µkat/L	1.57	1.22	—	1.92	0.12		µkat/L	1.62	1.25	—	1.98	0.12
	BS-360E <sup>10</sup>	U/L	97.0	75.2	—	118.8	7.3	BS-2800M <sup>20</sup>	U/L	99.4	77.0	—	121.8	7.5
		µkat/L	1.62	1.26	—	1.98	0.12		µkat/L	1.66	1.29	—	2.03	0.13
<b>Crea (SOX)</b>	BS-120 <sup>1</sup>	µmol/L	365	310	—	420	18	BS-380 <sup>11</sup>	µmol/L	373	317	—	429	19
		mg/dL	4.13	3.51	—	4.75	0.20		mg/dL	4.22	3.59	—	4.85	0.21
	BS-180 <sup>2</sup>	µmol/L	365	310	—	420	18	BS-400 <sup>12</sup>	µmol/L	368	313	—	423	18
		mg/dL	4.13	3.51	—	4.75	0.20		mg/dL	4.16	3.54	—	4.79	0.20
	BS-200 <sup>3</sup>	µmol/L	365	310	—	420	18	BS-430 <sup>13</sup>	µmol/L	369	314	—	424	18
		mg/dL	4.13	3.51	—	4.75	0.20		mg/dL	4.17	3.55	—	4.80	0.20
	BS-200E <sup>4</sup>	µmol/L	370	315	—	426	19	BS-480 <sup>14</sup>	µmol/L	363	309	—	417	18
		mg/dL	4.19	3.56	—	4.82	0.21		mg/dL	4.11	3.50	—	4.72	0.20
	BS-230 <sup>5</sup>	µmol/L	368	313	—	423	18	BS-600 <sup>15</sup>	µmol/L	370	315	—	426	19
		mg/dL	4.16	3.54	—	4.79	0.20		mg/dL	4.19	3.56	—	4.82	0.21
	BS-240E <sup>6</sup>	µmol/L	364	309	—	419	18	BS-600M <sup>16</sup>	µmol/L	377	320	—	434	19
		mg/dL	4.12	3.50	—	4.74	0.20		mg/dL	4.26	3.62	—	4.91	0.21
	BS-300 <sup>7</sup>	µmol/L	360	306	—	414	18	BS-620M <sup>17</sup>	µmol/L	314	267	—	361	16
		mg/dL	4.07	3.46	—	4.68	0.20		mg/dL	3.55	3.02	—	4.08	0.18
	BS-330 <sup>8</sup>	µmol/L	365	310	—	420	18	BS-800 <sup>18</sup>	µmol/L	315	268	—	362	16
		mg/dL	4.13	3.51	—	4.75	0.20		mg/dL	3.56	3.03	—	4.10	0.18
	BS-330E <sup>9</sup>	µmol/L	370	315	—	426	19	BS-2000 <sup>19</sup>	µmol/L	312	265	—	359	16
		mg/dL	4.19	3.56	—	4.82	0.21		mg/dL	3.53	3.00	—	4.06	0.18
	BS-360E <sup>10</sup>	µmol/L	369	314	—	424	18	BS-2800M <sup>20</sup>	µmol/L	314	267	—	361	16
		mg/dL	4.17	3.55	—	4.80	0.20		mg/dL	3.55	3.02	—	4.08	0.18

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	
<b>GLU (GOD)</b>	BS-120 <sup>1</sup>	mmol/L	13.6	11.6	—	15.6	BS-380 <sup>11</sup>	mmol/L	13.9	11.8	—	16.0	0.7
		mg/dL	245	209	—	281		mg/dL	250	213	—	288	13
	BS-180 <sup>2</sup>	mmol/L	13.6	11.6	—	15.6	BS-400 <sup>12</sup>	mmol/L	13.8	11.7	—	15.9	0.7
		mg/dL	245	209	—	281		mg/dL	249	211	—	286	13
	BS-200 <sup>3</sup>	mmol/L	13.6	11.6	—	15.6	BS-430 <sup>13</sup>	mmol/L	13.8	11.7	—	15.9	0.7
		mg/dL	245	209	—	281		mg/dL	249	211	—	286	13
	BS-200E <sup>4</sup>	mmol/L	13.7	11.6	—	15.8	BS-480 <sup>14</sup>	mmol/L	13.7	11.6	—	15.8	0.7
		mg/dL	247	209	—	285		mg/dL	247	209	—	285	13
	BS-230 <sup>5</sup>	mmol/L	13.7	11.6	—	15.8	BS-600 <sup>15</sup>	mmol/L	13.7	11.6	—	15.8	0.7
		mg/dL	247	209	—	285		mg/dL	247	209	—	285	13
BS-240E <sup>6</sup>	mmol/L	13.6	11.6	—	15.6	BS-600M <sup>16</sup>	mmol/L	13.8	11.7	—	15.9	0.7	
	mg/dL	245	209	—	281		mg/dL	249	211	—	286	13	
BS-300 <sup>7</sup>	mmol/L	13.7	11.6	—	15.8	BS-620M <sup>17</sup>	mmol/L	13.8	11.7	—	15.9	0.7	
	mg/dL	247	209	—	285		mg/dL	249	211	—	286	13	
BS-330 <sup>8</sup>	mmol/L	13.6	11.6	—	15.6	BS-800 <sup>18</sup>	mmol/L	13.6	11.6	—	15.6	0.7	
	mg/dL	245	209	—	281		mg/dL	245	209	—	281	13	
BS-330E <sup>9</sup>	mmol/L	13.7	11.6	—	15.8	BS-2000 <sup>19</sup>	mmol/L	13.7	11.6	—	15.8	0.7	
	mg/dL	247	209	—	285		mg/dL	247	209	—	285	13	
BS-360E <sup>10</sup>	mmol/L	13.8	11.7	—	15.9	BS-2800M <sup>20</sup>	mmol/L	13.8	11.7	—	15.9	0.7	
	mg/dL	249	211	—	286		mg/dL	249	211	—	286	13	
<b>GLU (HK)</b>	BS-120 <sup>1</sup>	mmol/L	13.8	11.7	—	15.9	BS-380 <sup>11</sup>	mmol/L	14.1	12.0	—	16.2	0.7
		mg/dL	249	211	—	286		mg/dL	254	216	—	292	13
	BS-180 <sup>2</sup>	mmol/L	13.8	11.7	—	15.9	BS-400 <sup>12</sup>	mmol/L	14.0	11.9	—	16.1	0.7
		mg/dL	249	211	—	286		mg/dL	252	214	—	290	13
	BS-200 <sup>3</sup>	mmol/L	13.9	11.8	—	16.0	BS-430 <sup>13</sup>	mmol/L	13.8	11.7	—	15.9	0.7
		mg/dL	250	213	—	288		mg/dL	249	211	—	286	13
	BS-200E <sup>4</sup>	mmol/L	13.9	11.8	—	16.0	BS-480 <sup>14</sup>	mmol/L	13.4	11.4	—	15.4	0.7
		mg/dL	250	213	—	288		mg/dL	241	205	—	277	13
	BS-230 <sup>5</sup>	mmol/L	13.7	11.6	—	15.8	BS-600 <sup>15</sup>	mmol/L	13.6	11.6	—	15.6	0.7
		mg/dL	247	209	—	285		mg/dL	245	209	—	281	13
BS-240E <sup>6</sup>	mmol/L	13.5	11.5	—	15.5	BS-600M <sup>16</sup>	mmol/L	13.4	11.4	—	15.4	0.7	
	mg/dL	243	207	—	279		mg/dL	241	205	—	277	13	
BS-300 <sup>7</sup>	mmol/L	14.1	12.0	—	16.2	BS-620M <sup>17</sup>	mmol/L	13.4	11.4	—	15.4	0.7	
	mg/dL	254	216	—	292		mg/dL	241	205	—	277	13	
BS-330 <sup>8</sup>	mmol/L	13.9	11.8	—	16.0	BS-800 <sup>18</sup>	mmol/L	13.8	11.7	—	15.9	0.7	
	mg/dL	250	213	—	288		mg/dL	249	211	—	286	13	
BS-330E <sup>9</sup>	mmol/L	13.9	11.8	—	16.0	BS-2000 <sup>19</sup>	mmol/L	13.8	11.7	—	15.9	0.7	
	mg/dL	250	213	—	288		mg/dL	249	211	—	286	13	
BS-360E <sup>10</sup>	mmol/L	13.2	11.2	—	15.2	BS-2800M <sup>20</sup>	mmol/L	13.8	11.7	—	15.9	0.7	
	mg/dL	238	202	—	274		mg/dL	249	211	—	286	13	
<b>GGT</b>	BS-120 <sup>1</sup>	U/L	202	172	—	232	BS-380 <sup>11</sup>	U/L	201	171	—	231	10
		μkat/L	3.37	2.87	—	3.87		μkat/L	3.36	2.86	—	3.86	0.17
	BS-180 <sup>2</sup>	U/L	202	172	—	232	BS-400 <sup>12</sup>	U/L	201	171	—	231	10
		μkat/L	3.37	2.87	—	3.87		μkat/L	3.36	2.86	—	3.86	0.17
	BS-200 <sup>3</sup>	U/L	202	172	—	232	BS-430 <sup>13</sup>	U/L	203	173	—	233	10
		μkat/L	3.37	2.87	—	3.87		μkat/L	3.39	2.89	—	3.89	0.17
	BS-200E <sup>4</sup>	U/L	203	173	—	233	BS-480 <sup>14</sup>	U/L	203	173	—	233	10
		μkat/L	3.39	2.89	—	3.89		μkat/L	3.39	2.89	—	3.89	0.17
	BS-230 <sup>5</sup>	U/L	202	172	—	232	BS-600 <sup>15</sup>	U/L	203	173	—	233	10
		μkat/L	3.37	2.87	—	3.87		μkat/L	3.39	2.89	—	3.89	0.17
BS-240E <sup>6</sup>	U/L	202	172	—	232	BS-600M <sup>16</sup>	U/L	201	171	—	231	10	
	μkat/L	3.37	2.87	—	3.87		μkat/L	3.36	2.86	—	3.86	0.17	
BS-300 <sup>7</sup>	U/L	201	171	—	231	BS-620M <sup>17</sup>	U/L	201	171	—	231	10	
	μkat/L	3.36	2.86	—	3.86		μkat/L	3.36	2.86	—	3.86	0.17	
BS-330 <sup>8</sup>	U/L	202	172	—	232	BS-800 <sup>18</sup>	U/L	203	173	—	233	10	
	μkat/L	3.37	2.87	—	3.87		μkat/L	3.39	2.89	—	3.89	0.17	
BS-330E <sup>9</sup>	U/L	203	173	—	233	BS-2000 <sup>19</sup>	U/L	203	173	—	233	10	
	μkat/L	3.39	2.89	—	3.89		μkat/L	3.39	2.89	—	3.89	0.17	
BS-360E <sup>10</sup>	U/L	201	171	—	231	BS-2800M <sup>20</sup>	U/L	201	171	—	231	10	
	μkat/L	3.36	2.86	—	3.86		μkat/L	3.36	2.86	—	3.86	0.17	



Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>α-HBDH</b>	BS-120 <sup>1</sup>	U/L	320	272	—	368	16	BS-380 <sup>11</sup>	U/L	320	272	—	368	16
		μkat/L	5.34	4.54	—	6.15	0.27		μkat/L	5.34	4.54	—	6.15	0.27
	BS-180 <sup>2</sup>	U/L	320	272	—	368	16	BS-400 <sup>12</sup>	U/L	320	272	—	368	16
		μkat/L	5.34	4.54	—	6.15	0.27		μkat/L	5.34	4.54	—	6.15	0.27
	BS-200 <sup>3</sup>	U/L	320	272	—	368	16	BS-430 <sup>13</sup>	U/L	321	273	—	369	16
		μkat/L	5.34	4.54	—	6.15	0.27		μkat/L	5.36	4.56	—	6.16	0.27
	BS-200E <sup>4</sup>	U/L	320	272	—	368	16	BS-480 <sup>14</sup>	U/L	321	273	—	369	16
		μkat/L	5.34	4.54	—	6.15	0.27		μkat/L	5.36	4.56	—	6.16	0.27
	BS-230 <sup>5</sup>	U/L	320	272	—	368	16	BS-600 <sup>15</sup>	U/L	321	273	—	369	16
		μkat/L	5.34	4.54	—	6.15	0.27		μkat/L	5.36	4.56	—	6.16	0.27
	BS-240E <sup>6</sup>	U/L	321	273	—	369	16	BS-600M <sup>16</sup>	U/L	327	278	—	376	16
		μkat/L	5.36	4.56	—	6.16	0.27		μkat/L	5.46	4.64	—	6.28	0.27
	BS-300 <sup>7</sup>	U/L	320	272	—	368	16	BS-620M <sup>17</sup>	U/L	327	278	—	376	16
		μkat/L	5.34	4.54	—	6.15	0.27		μkat/L	5.46	4.64	—	6.28	0.27
	BS-330 <sup>8</sup>	U/L	320	272	—	368	16	BS-800 <sup>18</sup>	U/L	321	273	—	369	16
		μkat/L	5.34	4.54	—	6.15	0.27		μkat/L	5.36	4.56	—	6.16	0.27
	BS-330E <sup>9</sup>	U/L	320	272	—	368	16	BS-2000 <sup>19</sup>	U/L	323	275	—	371	16
		μkat/L	5.34	4.54	—	6.15	0.27		μkat/L	5.39	4.59	—	6.20	0.27
	BS-360E <sup>10</sup>	U/L	321	273	—	369	16	BS-2800M <sup>20</sup>	U/L	327	278	—	376	16
		μkat/L	5.36	4.56	—	6.16	0.27		μkat/L	5.46	4.64	—	6.28	0.27
<b>ApoA1</b>	BS-120 <sup>1</sup>	g/L	1.88	1.46	—	2.30	0.14	BS-380 <sup>11</sup>	g/L	1.88	1.46	—	2.30	0.14
		μmol/L	67.1	52.1	—	82.1	5.0		μmol/L	67.1	52.1	—	82.1	5.0
	BS-180 <sup>2</sup>	g/L	1.88	1.46	—	2.30	0.14	BS-400 <sup>12</sup>	g/L	1.97	1.53	—	2.41	0.15
		μmol/L	67.1	52.1	—	82.1	5.0		μmol/L	70.3	54.6	—	86.0	5.4
	BS-200 <sup>3</sup>	g/L	1.92	1.49	—	2.35	0.14	BS-430 <sup>13</sup>	g/L	1.95	1.51	—	2.39	0.15
		μmol/L	68.5	53.2	—	83.9	5.0		μmol/L	69.6	53.9	—	85.3	5.4
	BS-200E <sup>4</sup>	g/L	2.12	1.64	—	2.60	0.16	BS-480 <sup>14</sup>	g/L	1.92	1.49	—	2.35	0.14
		μmol/L	75.7	58.5	—	92.8	5.7		μmol/L	68.5	53.2	—	83.9	5.0
	BS-230 <sup>5</sup>	g/L	1.87	1.45	—	2.29	0.14	BS-600 <sup>15</sup>	g/L	1.88	1.46	—	2.30	0.14
		μmol/L	66.8	51.8	—	81.8	5.0		μmol/L	67.1	52.1	—	82.1	5.0
	BS-240E <sup>6</sup>	g/L	1.95	1.51	—	2.39	0.15	BS-600M <sup>16</sup>	g/L	1.92	1.49	—	2.35	0.14
		μmol/L	69.6	53.9	—	85.3	5.4		μmol/L	68.5	53.2	—	83.9	5.0
	BS-300 <sup>7</sup>	g/L	1.94	1.50	—	2.38	0.15	BS-620M <sup>17</sup>	g/L	1.92	1.49	—	2.35	0.14
		μmol/L	69.3	53.6	—	85.0	5.4		μmol/L	68.5	53.2	—	83.9	5.0
	BS-330 <sup>8</sup>	g/L	1.92	1.49	—	2.35	0.14	BS-800 <sup>18</sup>	g/L	1.88	1.46	—	2.30	0.14
		μmol/L	68.5	53.2	—	83.9	5.0		μmol/L	67.1	52.1	—	82.1	5.0
	BS-330E <sup>9</sup>	g/L	2.12	1.64	—	2.60	0.16	BS-2000 <sup>19</sup>	g/L	1.90	1.47	—	2.33	0.14
		μmol/L	75.7	58.5	—	92.8	5.7		μmol/L	67.8	52.5	—	83.2	5.0
	BS-360E <sup>10</sup>	g/L	1.92	1.49	—	2.35	0.14	BS-2800M <sup>20</sup>	g/L	1.92	1.49	—	2.35	0.14
		μmol/L	68.5	53.2	—	83.9	5.0		μmol/L	68.5	53.2	—	83.9	5.0
<b>ApoB</b>	BS-120 <sup>1</sup>	g/L	0.812	0.629	—	0.995	0.061	BS-380 <sup>11</sup>	g/L	0.857	0.664	—	1.050	0.064
		μmol/L	1.58	1.23	—	1.94	0.12		μmol/L	1.67	1.29	—	2.05	0.12
	BS-180 <sup>2</sup>	g/L	0.812	0.629	—	0.995	0.061	BS-400 <sup>12</sup>	g/L	0.848	0.657	—	1.039	0.064
		μmol/L	1.58	1.23	—	1.94	0.12		μmol/L	1.65	1.28	—	2.03	0.12
	BS-200 <sup>3</sup>	g/L	0.848	0.657	—	1.039	0.064	BS-430 <sup>13</sup>	g/L	0.859	0.666	—	1.052	0.064
		μmol/L	1.65	1.28	—	2.03	0.12		μmol/L	1.68	1.30	—	2.05	0.12
	BS-200E <sup>4</sup>	g/L	0.900	0.698	—	1.103	0.068	BS-480 <sup>14</sup>	g/L	0.856	0.663	—	1.049	0.064
		μmol/L	1.76	1.36	—	2.15	0.13		μmol/L	1.67	1.29	—	2.05	0.12
	BS-230 <sup>5</sup>	g/L	0.847	0.656	—	1.038	0.064	BS-600 <sup>15</sup>	g/L	0.876	0.679	—	1.073	0.066
		μmol/L	1.65	1.28	—	2.02	0.12		μmol/L	1.71	1.32	—	2.09	0.13
	BS-240E <sup>6</sup>	g/L	0.892	0.691	—	1.093	0.067	BS-600M <sup>16</sup>	g/L	0.862	0.668	—	1.056	0.065
		μmol/L	1.74	1.35	—	2.13	0.13		μmol/L	1.68	1.30	—	2.06	0.13
	BS-300 <sup>7</sup>	g/L	0.858	0.665	—	1.051	0.064	BS-620M <sup>17</sup>	g/L	0.862	0.668	—	1.056	0.065
		μmol/L	1.67	1.30	—	2.05	0.12		μmol/L	1.68	1.30	—	2.06	0.13
	BS-330 <sup>8</sup>	g/L	0.848	0.657	—	1.039	0.064	BS-800 <sup>18</sup>	g/L	0.861	0.667	—	1.055	0.065
		μmol/L	1.65	1.28	—	2.03	0.12		μmol/L	1.68	1.30	—	2.06	0.13
	BS-330E <sup>9</sup>	g/L	0.900	0.698	—	1.103	0.068	BS-2000 <sup>19</sup>	g/L	0.868	0.673	—	1.063	0.065
		μmol/L	1.76	1.36	—	2.15	0.13		μmol/L	1.69	1.31	—	2.07	0.13
	BS-360E <sup>10</sup>	g/L	0.882	0.684	—	1.080	0.066	BS-2800M <sup>20</sup>	g/L	0.884	0.685	—	1.083	0.066
		μmol/L	1.72	1.33	—	2.11	0.13		μmol/L	1.72	1.34	—	2.11	0.13

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD
<b>C3</b>	<b>BS-120</b> <sup>1</sup>	g/L	1.51	1.20 — 1.82	0.10	<b>BS-380</b> <sup>11</sup>	g/L	1.59	1.27 — 1.91	0.11
	<b>BS-180</b> <sup>2</sup>	g/L	1.51	1.20 — 1.82	0.10	<b>BS-400</b> <sup>12</sup>	g/L	1.59	1.27 — 1.91	0.11
	<b>BS-200</b> <sup>3</sup>	g/L	1.61	1.28 — 1.94	0.11	<b>BS-430</b> <sup>13</sup>	g/L	1.61	1.28 — 1.94	0.11
	<b>BS-200E</b> <sup>4</sup>	g/L	1.71	1.36 — 2.06	0.12	<b>BS-480</b> <sup>14</sup>	g/L	1.50	1.20 — 1.80	0.10
	<b>BS-230</b> <sup>5</sup>	g/L	1.42	1.13 — 1.71	0.10	<b>BS-600</b> <sup>15</sup>	g/L	1.55	1.24 — 1.86	0.10
	<b>BS-240E</b> <sup>6</sup>	g/L	1.67	1.33 — 2.01	0.11	<b>BS-600M</b> <sup>16</sup>	g/L	1.56	1.24 — 1.88	0.11
	<b>BS-300</b> <sup>7</sup>	g/L	1.65	1.32 — 1.98	0.11	<b>BS-620M</b> <sup>17</sup>	g/L	1.56	1.24 — 1.88	0.11
	<b>BS-330</b> <sup>8</sup>	g/L	1.61	1.28 — 1.94	0.11	<b>BS-800</b> <sup>18</sup>	g/L	1.58	1.26 — 1.90	0.11
	<b>BS-330E</b> <sup>9</sup>	g/L	1.71	1.36 — 2.06	0.12	<b>BS-2000</b> <sup>19</sup>	g/L	1.57	1.25 — 1.89	0.11
	<b>BS-360E</b> <sup>10</sup>	g/L	1.57	1.25 — 1.89	0.11	<b>BS-2800M</b> <sup>20</sup>	g/L	1.56	1.24 — 1.88	0.11
<b>C4</b>	<b>BS-120</b> <sup>1</sup>	g/L	0.255	0.203 — 0.307	0.017	<b>BS-380</b> <sup>11</sup>	g/L	0.273	0.218 — 0.328	0.018
		μmol/L	1.28	1.02 — 1.54	0.09		μmol/L	1.37	1.09 — 1.64	0.09
	<b>BS-180</b> <sup>2</sup>	g/L	0.255	0.203 — 0.307	0.017	<b>BS-400</b> <sup>12</sup>	g/L	0.271	0.216 — 0.326	0.018
		μmol/L	1.28	1.02 — 1.54	0.09		μmol/L	1.36	1.08 — 1.63	0.09
	<b>BS-200</b> <sup>3</sup>	g/L	0.262	0.209 — 0.315	0.018	<b>BS-430</b> <sup>13</sup>	g/L	0.269	0.215 — 0.323	0.018
		μmol/L	1.31	1.05 — 1.58	0.09		μmol/L	1.35	1.08 — 1.62	0.09
	<b>BS-200E</b> <sup>4</sup>	g/L	0.255	0.203 — 0.307	0.017	<b>BS-480</b> <sup>14</sup>	g/L	0.256	0.204 — 0.308	0.017
		μmol/L	1.28	1.02 — 1.54	0.09		μmol/L	1.28	1.02 — 1.54	0.09
	<b>BS-230</b> <sup>5</sup>	g/L	0.248	0.198 — 0.298	0.017	<b>BS-600</b> <sup>15</sup>	g/L	0.259	0.207 — 0.311	0.017
		μmol/L	1.24	0.99 — 1.49	0.09		μmol/L	1.30	1.04 — 1.56	0.09
	<b>BS-240E</b> <sup>6</sup>	g/L	0.264	0.211 — 0.317	0.018	<b>BS-600M</b> <sup>16</sup>	g/L	0.262	0.209 — 0.315	0.018
		μmol/L	1.32	1.06 — 1.59	0.09		μmol/L	1.31	1.05 — 1.58	0.09
	<b>BS-300</b> <sup>7</sup>	g/L	0.269	0.215 — 0.323	0.018	<b>BS-620M</b> <sup>17</sup>	g/L	0.262	0.209 — 0.315	0.018
		μmol/L	1.35	1.08 — 1.62	0.09		μmol/L	1.31	1.05 — 1.58	0.09
	<b>BS-330</b> <sup>8</sup>	g/L	0.262	0.209 — 0.315	0.018	<b>BS-800</b> <sup>18</sup>	g/L	0.264	0.211 — 0.317	0.018
		μmol/L	1.31	1.05 — 1.58	0.09		μmol/L	1.32	1.06 — 1.59	0.09
	<b>BS-330E</b> <sup>9</sup>	g/L	0.255	0.203 — 0.307	0.017	<b>BS-2000</b> <sup>19</sup>	g/L	0.261	0.208 — 0.314	0.018
		μmol/L	1.28	1.02 — 1.54	0.09		μmol/L	1.31	1.04 — 1.57	0.09
	<b>BS-360E</b> <sup>10</sup>	g/L	0.260	0.207 — 0.313	0.018	<b>BS-2800M</b> <sup>20</sup>	g/L	0.266	0.212 — 0.320	0.018
		μmol/L	1.30	1.04 — 1.57	0.09		μmol/L	1.33	1.06 — 1.60	0.09
<b>CRP II</b>	<b>BS-120</b> <sup>1</sup>	mg/L	54.2	37.9 — 70.5	5.4	<b>BS-380</b> <sup>11</sup>	mg/L	56.5	39.6 — 73.5	5.7
		nmol/L	516	361 — 671	51		nmol/L	538	377 — 700	54
	<b>BS-180</b> <sup>2</sup>	mg/L	54.2	37.9 — 70.5	5.4	<b>BS-400</b> <sup>12</sup>	mg/L	56.2	39.3 — 73.1	5.6
		nmol/L	516	361 — 671	51		nmol/L	535	374 — 696	53
	<b>BS-200</b> <sup>3</sup>	mg/L	56.3	39.4 — 73.2	5.6	<b>BS-430</b> <sup>13</sup>	mg/L	56.6	39.6 — 73.6	5.7
		nmol/L	536	375 — 697	53		nmol/L	539	377 — 701	54
	<b>BS-200E</b> <sup>4</sup>	mg/L	58.5	41.0 — 76.1	5.9	<b>BS-480</b> <sup>14</sup>	mg/L	56.4	39.5 — 73.3	5.6
		nmol/L	557	390 — 724	56		nmol/L	537	376 — 698	53
	<b>BS-230</b> <sup>5</sup>	mg/L	56.5	39.6 — 73.5	5.7	<b>BS-600</b> <sup>15</sup>	mg/L	56.6	39.6 — 73.6	5.7
		nmol/L	538	377 — 700	54		nmol/L	539	377 — 701	54
	<b>BS-240E</b> <sup>6</sup>	mg/L	56.9	39.8 — 74.0	5.7	<b>BS-600M</b> <sup>16</sup>	mg/L	56.5	39.6 — 73.5	5.7
		nmol/L	542	379 — 704	54		nmol/L	538	377 — 700	54
	<b>BS-300</b> <sup>7</sup>	mg/L	57.5	40.3 — 74.8	5.8	<b>BS-620M</b> <sup>17</sup>	mg/L	56.5	39.6 — 73.5	5.7
		nmol/L	547	384 — 712	55		nmol/L	538	377 — 700	54
	<b>BS-330</b> <sup>8</sup>	mg/L	56.3	39.4 — 73.2	5.6	<b>BS-800</b> <sup>18</sup>	mg/L	56.5	39.6 — 73.5	5.7
		nmol/L	536	375 — 697	53		nmol/L	538	377 — 700	54
	<b>BS-330E</b> <sup>9</sup>	mg/L	58.5	41.0 — 76.1	5.9	<b>BS-2000</b> <sup>19</sup>	mg/L	56.5	39.6 — 73.5	5.7
		nmol/L	557	390 — 724	56		nmol/L	538	377 — 700	54
	<b>BS-360E</b> <sup>10</sup>	mg/L	56.5	39.6 — 73.5	5.7	<b>BS-2800M</b> <sup>20</sup>	mg/L	/	/	/
		nmol/L	538	377 — 700	54		nmol/L	/	/	/

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>IgA II</b>	<b>BS-200</b> <sup>3</sup>	g/L	2.82	2.19	—	3.45	0.21	<b>BS-430</b> <sup>13</sup>	g/L	2.64	2.05	—	3.23	0.20
		μmol/L	17.6	13.7	—	21.6	1.3		μmol/L	16.5	12.8	—	20.2	1.3
	<b>BS-200E</b> <sup>4</sup>	g/L	2.70	2.09	—	3.31	0.20	<b>BS-480</b> <sup>14</sup>	g/L	2.59	2.01	—	3.17	0.19
		μmol/L	16.9	13.1	—	20.7	1.3		μmol/L	16.2	12.6	—	19.8	1.2
	<b>BS-230</b> <sup>5</sup>	g/L	2.62	2.03	—	3.21	0.20	<b>BS-600</b> <sup>15</sup>	g/L	2.55	1.98	—	3.12	0.19
		μmol/L	16.4	12.7	—	20.1	1.3		μmol/L	15.9	12.4	—	19.5	1.2
	<b>BS-240E</b> <sup>6</sup>	g/L	2.61	2.02	—	3.20	0.20	<b>BS-600M</b> <sup>16</sup>	g/L	2.55	1.98	—	3.12	0.19
		μmol/L	16.3	12.6	—	20.0	1.3		μmol/L	15.9	12.4	—	19.5	1.2
	<b>BS-330</b> <sup>8</sup>	g/L	2.82	2.19	—	3.45	0.21	<b>BS-620M</b> <sup>17</sup>	g/L	2.55	1.98	—	3.12	0.19
		μmol/L	17.6	13.7	—	21.6	1.3		μmol/L	15.9	12.4	—	19.5	1.2
	<b>BS-330E</b> <sup>9</sup>	g/L	2.70	2.09	—	3.31	0.20	<b>BS-800</b> <sup>18</sup>	g/L	2.62	2.03	—	3.21	0.20
		μmol/L	16.9	13.1	—	20.7	1.3		μmol/L	16.4	12.7	—	20.1	1.3
	<b>BS-360E</b> <sup>10</sup>	g/L	2.63	2.04	—	3.22	0.20	<b>BS-2000</b> <sup>19</sup>	g/L	2.59	2.01	—	3.17	0.19
		μmol/L	16.4	12.8	—	20.1	1.3		μmol/L	16.2	12.6	—	19.8	1.2
	<b>BS-380</b> <sup>11</sup>	g/L	2.58	2.00	—	3.16	0.19	<b>BS-2800M</b> <sup>20</sup>	g/L	2.65	2.05	—	3.25	0.20
		μmol/L	16.1	12.5	—	19.8	1.2		μmol/L	16.6	12.8	—	20.3	1.3
	<b>BS-400</b> <sup>12</sup>	g/L	2.63	2.04	—	3.22	0.20							
		μmol/L	16.4	12.8	—	20.1	1.3							
<b>IgG</b>	<b>BS-120</b> <sup>1</sup>	g/L	12.8	9.9	—	15.7	1.0	<b>BS-380</b> <sup>11</sup>	g/L	13.0	10.1	—	15.9	1.0
		μmol/L	85.4	66.0	—	104.7	6.7		μmol/L	86.7	67.4	—	106.1	6.7
	<b>BS-180</b> <sup>2</sup>	g/L	12.8	9.9	—	15.7	1.0	<b>BS-400</b> <sup>12</sup>	g/L	13.0	10.1	—	15.9	1.0
		μmol/L	85.4	66.0	—	104.7	6.7		μmol/L	86.7	67.4	—	106.1	6.7
	<b>BS-200</b> <sup>3</sup>	g/L	13.3	10.3	—	16.3	1.0	<b>BS-430</b> <sup>13</sup>	g/L	12.5	9.7	—	15.3	0.9
		μmol/L	88.7	68.7	—	108.7	6.7		μmol/L	83.4	64.7	—	102.1	6.0
	<b>BS-200E</b> <sup>4</sup>	g/L	13.5	10.5	—	16.5	1.0	<b>BS-480</b> <sup>14</sup>	g/L	12.2	9.5	—	14.9	0.9
		μmol/L	90.0	70.0	—	110.1	6.7		μmol/L	81.4	63.4	—	99.4	6.0
	<b>BS-230</b> <sup>5</sup>	g/L	12.6	9.8	—	15.4	0.9	<b>BS-600</b> <sup>15</sup>	g/L	12.5	9.7	—	15.3	0.9
		μmol/L	84.0	65.4	—	102.7	6.0		μmol/L	83.4	64.7	—	102.1	6.0
	<b>BS-240E</b> <sup>6</sup>	g/L	12.5	9.7	—	15.3	0.9	<b>BS-600M</b> <sup>16</sup>	g/L	12.7	9.8	—	15.6	1.0
		μmol/L	83.4	64.7	—	102.1	6.0		μmol/L	84.7	65.4	—	104.1	6.7
	<b>BS-300</b> <sup>7</sup>	g/L	13.0	10.1	—	15.9	1.0	<b>BS-620M</b> <sup>17</sup>	g/L	12.7	9.8	—	15.6	1.0
		μmol/L	86.7	67.4	—	106.1	6.7		μmol/L	84.7	65.4	—	104.1	6.7
	<b>BS-330</b> <sup>8</sup>	g/L	13.3	10.3	—	16.3	1.0	<b>BS-800</b> <sup>18</sup>	g/L	12.5	9.7	—	15.3	0.9
		μmol/L	88.7	68.7	—	108.7	6.7		μmol/L	83.4	64.7	—	102.1	6.0
	<b>BS-330E</b> <sup>9</sup>	g/L	13.5	10.5	—	16.5	1.0	<b>BS-2000</b> <sup>19</sup>	g/L	12.4	9.6	—	15.2	0.9
		μmol/L	90.0	70.0	—	110.1	6.7		μmol/L	82.7	64.0	—	101.4	6.0
<b>BS-360E</b> <sup>10</sup>	g/L	12.9	10.0	—	15.8	1.0	<b>BS-2800M</b> <sup>20</sup>	g/L	12.7	9.8	—	15.6	1.0	
	μmol/L	86.0	66.7	—	105.4	6.7		μmol/L	84.7	65.4	—	104.1	6.7	
<b>IgM</b>	<b>BS-120</b> <sup>1</sup>	g/L	1.05	0.81	—	1.29	0.08	<b>BS-380</b> <sup>11</sup>	g/L	1.11	0.86	—	1.36	0.08
		μmol/L	1.08	0.83	—	1.33	0.08		μmol/L	1.14	0.89	—	1.40	0.08
	<b>BS-180</b> <sup>2</sup>	g/L	1.05	0.81	—	1.29	0.08	<b>BS-400</b> <sup>12</sup>	g/L	1.12	0.87	—	1.37	0.08
		μmol/L	1.08	0.83	—	1.33	0.08		μmol/L	1.15	0.90	—	1.41	0.08
	<b>BS-200</b> <sup>3</sup>	g/L	1.11	0.86	—	1.36	0.08	<b>BS-430</b> <sup>13</sup>	g/L	1.13	0.88	—	1.38	0.08
		μmol/L	1.14	0.89	—	1.40	0.08		μmol/L	1.16	0.91	—	1.42	0.08
	<b>BS-200E</b> <sup>4</sup>	g/L	1.08	0.84	—	1.32	0.08	<b>BS-480</b> <sup>14</sup>	g/L	1.10	0.85	—	1.35	0.08
		μmol/L	1.11	0.87	—	1.36	0.08		μmol/L	1.13	0.88	—	1.39	0.08
	<b>BS-230</b> <sup>5</sup>	g/L	1.10	0.85	—	1.35	0.08	<b>BS-600</b> <sup>15</sup>	g/L	1.09	0.84	—	1.34	0.08
		μmol/L	1.13	0.88	—	1.39	0.08		μmol/L	1.12	0.87	—	1.38	0.08
	<b>BS-240E</b> <sup>6</sup>	g/L	1.11	0.86	—	1.36	0.08	<b>BS-600M</b> <sup>16</sup>	g/L	1.10	0.85	—	1.35	0.08
		μmol/L	1.14	0.89	—	1.40	0.08		μmol/L	1.13	0.88	—	1.39	0.08
	<b>BS-300</b> <sup>7</sup>	g/L	1.11	0.86	—	1.36	0.08	<b>BS-620M</b> <sup>17</sup>	g/L	1.10	0.85	—	1.35	0.08
		μmol/L	1.14	0.89	—	1.40	0.08		μmol/L	1.13	0.88	—	1.39	0.08
	<b>BS-330</b> <sup>8</sup>	g/L	1.11	0.86	—	1.36	0.08	<b>BS-800</b> <sup>18</sup>	g/L	1.11	0.86	—	1.36	0.08
		μmol/L	1.14	0.89	—	1.40	0.08		μmol/L	1.14	0.89	—	1.40	0.08
	<b>BS-330E</b> <sup>9</sup>	g/L	1.08	0.84	—	1.32	0.08	<b>BS-2000</b> <sup>19</sup>	g/L	1.09	0.84	—	1.34	0.08
		μmol/L	1.11	0.87	—	1.36	0.08		μmol/L	1.12	0.87	—	1.38	0.08
<b>BS-360E</b> <sup>10</sup>	g/L	1.09	0.84	—	1.34	0.08	<b>BS-2800M</b> <sup>20</sup>	g/L	1.10	0.85	—	1.35	0.08	
	μmol/L	1.12	0.87	—	1.38	0.08		μmol/L	1.13	0.88	—	1.39	0.08	

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>PA</b>	<b>BS-120</b> <sup>1</sup>	mg/L	253	196	—	310	19	<b>BS-380</b> <sup>11</sup>	mg/L	250	194	—	306	19
		μmol/L	4.60	3.57	—	5.64	0.35		μmol/L	4.55	3.53	—	5.57	0.35
	<b>BS-180</b> <sup>2</sup>	mg/L	253	196	—	310	19	<b>BS-400</b> <sup>12</sup>	mg/L	254	197	—	311	19
		μmol/L	4.60	3.57	—	5.64	0.35		μmol/L	4.62	3.59	—	5.66	0.35
	<b>BS-200</b> <sup>3</sup>	mg/L	253	196	—	310	19	<b>BS-430</b> <sup>13</sup>	mg/L	256	198	—	314	19
		μmol/L	4.60	3.57	—	5.64	0.35		μmol/L	4.66	3.60	—	5.71	0.35
	<b>BS-200E</b> <sup>4</sup>	mg/L	252	195	—	309	19	<b>BS-480</b> <sup>14</sup>	mg/L	249	193	—	305	19
		μmol/L	4.59	3.55	—	5.62	0.35		μmol/L	4.53	3.51	—	5.55	0.35
	<b>BS-230</b> <sup>5</sup>	mg/L	249	193	—	305	19	<b>BS-600</b> <sup>15</sup>	mg/L	249	193	—	305	19
		μmol/L	4.53	3.51	—	5.55	0.35		μmol/L	4.53	3.51	—	5.55	0.35
	<b>BS-240E</b> <sup>6</sup>	mg/L	249	193	—	305	19	<b>BS-600M</b> <sup>16</sup>	mg/L	253	196	—	310	19
		μmol/L	4.53	3.51	—	5.55	0.35		μmol/L	4.60	3.57	—	5.64	0.35
	<b>BS-300</b> <sup>7</sup>	mg/L	251	195	—	307	19	<b>BS-620M</b> <sup>17</sup>	mg/L	253	196	—	310	19
		μmol/L	4.57	3.55	—	5.59	0.35		μmol/L	4.60	3.57	—	5.64	0.35
	<b>BS-330</b> <sup>8</sup>	mg/L	253	196	—	310	19	<b>BS-800</b> <sup>18</sup>	mg/L	249	193	—	305	19
		μmol/L	4.60	3.57	—	5.64	0.35		μmol/L	4.53	3.51	—	5.55	0.35
	<b>BS-330E</b> <sup>9</sup>	mg/L	252	195	—	309	19	<b>BS-2000</b> <sup>19</sup>	mg/L	254	197	—	311	19
		μmol/L	4.59	3.55	—	5.62	0.35		μmol/L	4.62	3.59	—	5.66	0.35
	<b>BS-360E</b> <sup>10</sup>	mg/L	249	193	—	305	19	<b>BS-2800M</b> <sup>20</sup>	mg/L	257	199	—	315	19
		μmol/L	4.53	3.51	—	5.55	0.35		μmol/L	4.68	3.62	—	5.73	0.35
<b>LDH</b>	<b>BS-120</b> <sup>1</sup>	U/L	299	254	—	344	15	<b>BS-380</b> <sup>11</sup>	U/L	299	254	—	344	15
		μkat/L	4.99	4.24	—	5.74	0.25		μkat/L	4.99	4.24	—	5.74	0.25
	<b>BS-180</b> <sup>2</sup>	U/L	299	254	—	344	15	<b>BS-400</b> <sup>12</sup>	U/L	297	252	—	342	15
		μkat/L	4.99	4.24	—	5.74	0.25		μkat/L	4.96	4.21	—	5.71	0.25
	<b>BS-200</b> <sup>3</sup>	U/L	298	253	—	343	15	<b>BS-430</b> <sup>13</sup>	U/L	296	252	—	340	15
		μkat/L	4.98	4.23	—	5.73	0.25		μkat/L	4.94	4.21	—	5.68	0.25
	<b>BS-200E</b> <sup>4</sup>	U/L	305	259	—	351	15	<b>BS-480</b> <sup>14</sup>	U/L	300	255	—	345	15
		μkat/L	5.09	4.33	—	5.86	0.25		μkat/L	5.01	4.26	—	5.76	0.25
	<b>BS-230</b> <sup>5</sup>	U/L	306	260	—	352	15	<b>BS-600</b> <sup>15</sup>	U/L	296	252	—	340	15
		μkat/L	5.11	4.34	—	5.88	0.25		μkat/L	4.94	4.21	—	5.68	0.25
	<b>BS-240E</b> <sup>6</sup>	U/L	296	252	—	340	15	<b>BS-600M</b> <sup>16</sup>	U/L	301	256	—	346	15
		μkat/L	4.94	4.21	—	5.68	0.25		μkat/L	5.03	4.28	—	5.78	0.25
	<b>BS-300</b> <sup>7</sup>	U/L	301	256	—	346	15	<b>BS-620M</b> <sup>17</sup>	U/L	301	256	—	346	15
		μkat/L	5.03	4.28	—	5.78	0.25		μkat/L	5.03	4.28	—	5.78	0.25
	<b>BS-330</b> <sup>8</sup>	U/L	298	253	—	343	15	<b>BS-800</b> <sup>18</sup>	U/L	296	252	—	340	15
		μkat/L	4.98	4.23	—	5.73	0.25		μkat/L	4.94	4.21	—	5.68	0.25
	<b>BS-330E</b> <sup>9</sup>	U/L	305	259	—	351	15	<b>BS-2000</b> <sup>19</sup>	U/L	299	254	—	344	15
		μkat/L	5.09	4.33	—	5.86	0.25		μkat/L	4.99	4.24	—	5.74	0.25
	<b>BS-360E</b> <sup>10</sup>	U/L	300	255	—	345	15	<b>BS-2800M</b> <sup>20</sup>	U/L	300	255	—	345	15
		μkat/L	5.01	4.26	—	5.76	0.25		μkat/L	5.01	4.26	—	5.76	0.25
<b>Mg II</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	1.38	1.21	—	1.55	0.06	<b>BS-380</b> <sup>11</sup>	mmol/L	1.42	1.25	—	1.59	0.06
		mg/dL	3.35	2.94	—	3.77	0.15		mg/dL	3.45	3.04	—	3.86	0.15
	<b>BS-180</b> <sup>2</sup>	mmol/L	1.38	1.21	—	1.55	0.06	<b>BS-400</b> <sup>12</sup>	mmol/L	1.42	1.25	—	1.59	0.06
		mg/dL	3.35	2.94	—	3.77	0.15		mg/dL	3.45	3.04	—	3.86	0.15
	<b>BS-200</b> <sup>3</sup>	mmol/L	1.40	1.23	—	1.57	0.06	<b>BS-430</b> <sup>13</sup>	mmol/L	1.38	1.21	—	1.55	0.06
		mg/dL	3.40	2.99	—	3.82	0.15		mg/dL	3.35	2.94	—	3.77	0.15
	<b>BS-200E</b> <sup>4</sup>	mmol/L	1.39	1.22	—	1.56	0.06	<b>BS-480</b> <sup>14</sup>	mmol/L	1.37	1.21	—	1.53	0.05
		mg/dL	3.38	2.96	—	3.79	0.15		mg/dL	3.33	2.94	—	3.72	0.12
	<b>BS-230</b> <sup>5</sup>	mmol/L	1.40	1.23	—	1.57	0.06	<b>BS-600</b> <sup>15</sup>	mmol/L	1.36	1.20	—	1.52	0.05
		mg/dL	3.40	2.99	—	3.82	0.15		mg/dL	3.30	2.92	—	3.69	0.12
	<b>BS-240E</b> <sup>6</sup>	mmol/L	1.36	1.20	—	1.52	0.05	<b>BS-600M</b> <sup>16</sup>	mmol/L	1.41	1.24	—	1.58	0.06
		mg/dL	3.30	2.92	—	3.69	0.12		mg/dL	3.43	3.01	—	3.84	0.15
	<b>BS-300</b> <sup>7</sup>	mmol/L	1.42	1.25	—	1.59	0.06	<b>BS-620M</b> <sup>17</sup>	mmol/L	1.41	1.24	—	1.58	0.06
		mg/dL	3.45	3.04	—	3.86	0.15		mg/dL	3.43	3.01	—	3.84	0.15
	<b>BS-330</b> <sup>8</sup>	mmol/L	1.40	1.23	—	1.57	0.06	<b>BS-800</b> <sup>18</sup>	mmol/L	1.38	1.21	—	1.55	0.06
		mg/dL	3.40	2.99	—	3.82	0.15		mg/dL	3.35	2.94	—	3.77	0.15
	<b>BS-330E</b> <sup>9</sup>	mmol/L	1.39	1.22	—	1.56	0.06	<b>BS-2000</b> <sup>19</sup>	mmol/L	1.38	1.21	—	1.55	0.06
		mg/dL	3.38	2.96	—	3.79	0.15		mg/dL	3.35	2.94	—	3.77	0.15
	<b>BS-360E</b> <sup>10</sup>	mmol/L	1.37	1.21	—	1.53	0.05	<b>BS-2800M</b> <sup>20</sup>	mmol/L	1.39	1.22	—	1.56	0.06
		mg/dL	3.33	2.94	—	3.72	0.12		mg/dL	3.38	2.96	—	3.79	0.15

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>P</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	2.69	2.29	—	3.09	0.13	<b>BS-380</b> <sup>11</sup>	mmol/L	2.75	2.34	—	3.16	0.14
		mg/dL	8.34	7.10	—	9.58	0.40		mg/dL	8.53	7.25	—	9.80	0.43
	<b>BS-180</b> <sup>2</sup>	mmol/L	2.69	2.29	—	3.09	0.13	<b>BS-400</b> <sup>12</sup>	mmol/L	2.75	2.34	—	3.16	0.14
		mg/dL	8.34	7.10	—	9.58	0.40		mg/dL	8.53	7.25	—	9.80	0.43
	<b>BS-200</b> <sup>3</sup>	mmol/L	2.72	2.31	—	3.13	0.14	<b>BS-430</b> <sup>13</sup>	mmol/L	2.77	2.35	—	3.19	0.14
		mg/dL	8.43	7.16	—	9.70	0.43		mg/dL	8.59	7.29	—	9.89	0.43
	<b>BS-200E</b> <sup>4</sup>	mmol/L	2.77	2.35	—	3.19	0.14	<b>BS-480</b> <sup>14</sup>	mmol/L	2.69	2.29	—	3.09	0.13
		mg/dL	8.59	7.29	—	9.89	0.43		mg/dL	8.34	7.10	—	9.58	0.40
	<b>BS-230</b> <sup>5</sup>	mmol/L	2.73	2.32	—	3.14	0.14	<b>BS-600</b> <sup>15</sup>	mmol/L	2.68	2.28	—	3.08	0.13
		mg/dL	8.46	7.19	—	9.73	0.43		mg/dL	8.31	7.07	—	9.55	0.40
	<b>BS-240E</b> <sup>6</sup>	mmol/L	2.69	2.29	—	3.09	0.13	<b>BS-600M</b> <sup>16</sup>	mmol/L	2.75	2.34	—	3.16	0.14
		mg/dL	8.34	7.10	—	9.58	0.40		mg/dL	8.53	7.25	—	9.80	0.43
	<b>BS-300</b> <sup>7</sup>	mmol/L	2.71	2.30	—	3.12	0.14	<b>BS-620M</b> <sup>17</sup>	mmol/L	2.75	2.34	—	3.16	0.14
		mg/dL	8.40	7.13	—	9.67	0.43		mg/dL	8.53	7.25	—	9.80	0.43
	<b>BS-330</b> <sup>8</sup>	mmol/L	2.72	2.31	—	3.13	0.14	<b>BS-800</b> <sup>18</sup>	mmol/L	2.74	2.33	—	3.15	0.14
		mg/dL	8.43	7.16	—	9.70	0.43		mg/dL	8.49	7.22	—	9.77	0.43
	<b>BS-330E</b> <sup>9</sup>	mmol/L	2.77	2.35	—	3.19	0.14	<b>BS-2000</b> <sup>19</sup>	mmol/L	2.72	2.31	—	3.13	0.14
		mg/dL	8.59	7.29	—	9.89	0.43		mg/dL	8.43	7.16	—	9.70	0.43
	<b>BS-360E</b> <sup>10</sup>	mmol/L	2.70	2.30	—	3.11	0.14	<b>BS-2800M</b> <sup>20</sup>	mmol/L	/	/	—	/	/
		mg/dL	8.37	7.13	—	9.64	0.43		mg/dL	/	/	—	/	/
<b>P II</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	2.71	2.30	—	3.12	0.14	<b>BS-380</b> <sup>11</sup>	mmol/L	2.78	2.36	—	3.20	0.14
		mg/dL	8.40	7.13	—	9.67	0.43		mg/dL	8.62	7.32	—	9.92	0.43
	<b>BS-180</b> <sup>2</sup>	mmol/L	2.71	2.30	—	3.12	0.14	<b>BS-400</b> <sup>12</sup>	mmol/L	2.75	2.34	—	3.16	0.14
		mg/dL	8.40	7.13	—	9.67	0.43		mg/dL	8.53	7.25	—	9.80	0.43
	<b>BS-200</b> <sup>3</sup>	mmol/L	2.75	2.34	—	3.16	0.14	<b>BS-430</b> <sup>13</sup>	mmol/L	2.79	2.37	—	3.21	0.14
		mg/dL	8.53	7.25	—	9.80	0.43		mg/dL	8.65	7.35	—	9.95	0.43
	<b>BS-200E</b> <sup>4</sup>	mmol/L	2.78	2.36	—	3.20	0.14	<b>BS-480</b> <sup>14</sup>	mmol/L	2.75	2.34	—	3.16	0.14
		mg/dL	8.62	7.32	—	9.92	0.43		mg/dL	8.53	7.25	—	9.80	0.43
	<b>BS-230</b> <sup>5</sup>	mmol/L	2.72	2.31	—	3.13	0.14	<b>BS-600</b> <sup>15</sup>	mmol/L	2.75	2.34	—	3.16	0.14
		mg/dL	8.43	7.16	—	9.70	0.43		mg/dL	8.53	7.25	—	9.80	0.43
	<b>BS-240E</b> <sup>6</sup>	mmol/L	2.74	2.33	—	3.15	0.14	<b>BS-600M</b> <sup>16</sup>	mmol/L	2.77	2.35	—	3.19	0.14
		mg/dL	8.49	7.22	—	9.77	0.43		mg/dL	8.59	7.29	—	9.89	0.43
	<b>BS-300</b> <sup>7</sup>	mmol/L	2.72	2.31	—	3.13	0.14	<b>BS-620M</b> <sup>17</sup>	mmol/L	2.77	2.35	—	3.19	0.14
		mg/dL	8.43	7.16	—	9.70	0.43		mg/dL	8.59	7.29	—	9.89	0.43
	<b>BS-330</b> <sup>8</sup>	mmol/L	2.75	2.34	—	3.16	0.14	<b>BS-800</b> <sup>18</sup>	mmol/L	2.75	2.34	—	3.16	0.14
		mg/dL	8.53	7.25	—	9.80	0.43		mg/dL	8.53	7.25	—	9.80	0.43
	<b>BS-330E</b> <sup>9</sup>	mmol/L	2.78	2.36	—	3.20	0.14	<b>BS-2000</b> <sup>19</sup>	mmol/L	2.76	2.35	—	3.17	0.14
		mg/dL	8.62	7.32	—	9.92	0.43		mg/dL	8.56	7.29	—	9.83	0.43
	<b>BS-360E</b> <sup>10</sup>	mmol/L	2.73	2.32	—	3.14	0.14	<b>BS-2800M</b> <sup>20</sup>	mmol/L	2.77	2.35	—	3.19	0.14
		mg/dL	8.46	7.19	—	9.73	0.43		mg/dL	8.59	7.29	—	9.89	0.43
<b>TP</b>	<b>BS-120</b> <sup>1</sup>	g/L	83.3	70.8	—	95.8	4.2	<b>BS-380</b> <sup>11</sup>	g/L	84.6	71.9	—	97.3	4.2
	<b>BS-180</b> <sup>2</sup>	g/L	83.3	70.8	—	95.8	4.2	<b>BS-400</b> <sup>12</sup>	g/L	84.3	71.7	—	96.9	4.2
	<b>BS-200</b> <sup>3</sup>	g/L	83.2	70.7	—	95.7	4.2	<b>BS-430</b> <sup>13</sup>	g/L	83.9	71.3	—	96.5	4.2
	<b>BS-200E</b> <sup>4</sup>	g/L	84.5	71.8	—	97.2	4.2	<b>BS-480</b> <sup>14</sup>	g/L	84.1	71.5	—	96.7	4.2
	<b>BS-230</b> <sup>5</sup>	g/L	83.1	70.6	—	95.6	4.2	<b>BS-600</b> <sup>15</sup>	g/L	83.9	71.3	—	96.5	4.2
	<b>BS-240E</b> <sup>6</sup>	g/L	83.8	71.2	—	96.4	4.2	<b>BS-600M</b> <sup>15</sup>	g/L	83.9	71.3	—	96.5	4.2
	<b>BS-300</b> <sup>7</sup>	g/L	83.1	70.6	—	95.6	4.2	<b>BS-620M</b> <sup>16</sup>	g/L	83.9	71.3	—	96.5	4.2
	<b>BS-330</b> <sup>8</sup>	g/L	83.2	70.7	—	95.7	4.2	<b>BS-800</b> <sup>16</sup>	g/L	83.9	71.3	—	96.5	4.2
	<b>BS-330E</b> <sup>9</sup>	g/L	84.5	71.8	—	97.2	4.2	<b>BS-2000</b> <sup>17</sup>	g/L	84.0	71.4	—	96.6	4.2
	<b>BS-360E</b> <sup>10</sup>	g/L	83.9	71.3	—	96.5	4.2	<b>BS-2800M</b> <sup>18</sup>	g/L	/	/	—	/	/
<b>TP II</b>	<b>BS-120</b> <sup>1</sup>	g/L	82.0	69.7	—	94.3	4.1	<b>BS-380</b> <sup>11</sup>	g/L	82.7	70.3	—	95.1	4.1
	<b>BS-180</b> <sup>2</sup>	g/L	82.0	69.7	—	94.3	4.1	<b>BS-400</b> <sup>12</sup>	g/L	82.7	70.3	—	95.1	4.1
	<b>BS-200</b> <sup>3</sup>	g/L	82.0	69.7	—	94.3	4.1	<b>BS-430</b> <sup>13</sup>	g/L	82.4	70.0	—	94.8	4.1
	<b>BS-200E</b> <sup>4</sup>	g/L	81.5	69.3	—	93.7	4.1	<b>BS-480</b> <sup>14</sup>	g/L	81.4	69.2	—	93.6	4.1
	<b>BS-230</b> <sup>5</sup>	g/L	81.5	69.3	—	93.7	4.1	<b>BS-600</b> <sup>15</sup>	g/L	82.4	70.0	—	94.8	4.1
	<b>BS-240E</b> <sup>6</sup>	g/L	81.6	69.4	—	93.8	4.1	<b>BS-600M</b> <sup>15</sup>	g/L	82.9	70.5	—	95.3	4.1
	<b>BS-300</b> <sup>7</sup>	g/L	82.1	69.8	—	94.4	4.1	<b>BS-620M</b> <sup>16</sup>	g/L	82.9	70.5	—	95.3	4.1
	<b>BS-330</b> <sup>8</sup>	g/L	82.0	69.7	—	94.3	4.1	<b>BS-800</b> <sup>16</sup>	g/L	82.4	70.0	—	94.8	4.1
	<b>BS-330E</b> <sup>9</sup>	g/L	81.5	69.3	—	93.7	4.1	<b>BS-2000</b> <sup>17</sup>	g/L	82.0	69.7	—	94.3	4.1
	<b>BS-360E</b> <sup>10</sup>	g/L	81.3	69.1	—	93.5	4.1	<b>BS-2800M</b> <sup>18</sup>	g/L	82.4	70.0	—	94.8	4.1

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
TG	BS-120 <sup>1</sup>	mmol/L	2.31	2.00	—	2.62	0.10	BS-380 <sup>11</sup>	mmol/L	2.33	2.02	—	2.64	0.10
		mg/dL	204	177	—	232	9		mg/dL	206	179	—	234	9
	BS-180 <sup>2</sup>	mmol/L	2.31	2.00	—	2.62	0.10	BS-400 <sup>12</sup>	mmol/L	2.31	2.00	—	2.62	0.10
		mg/dL	204	177	—	232	9		mg/dL	204	177	—	232	9
	BS-200 <sup>3</sup>	mmol/L	2.33	2.02	—	2.64	0.10	BS-430 <sup>13</sup>	mmol/L	2.36	2.04	—	2.68	0.11
		mg/dL	206	179	—	234	9		mg/dL	209	181	—	237	10
	BS-200E <sup>4</sup>	mmol/L	2.34	2.02	—	2.66	0.11	BS-480 <sup>14</sup>	mmol/L	2.30	1.99	—	2.61	0.10
		mg/dL	207	179	—	235	10		mg/dL	204	176	—	231	9
	BS-230 <sup>5</sup>	mmol/L	2.31	2.00	—	2.62	0.10	BS-600 <sup>15</sup>	mmol/L	2.33	2.02	—	2.64	0.10
		mg/dL	204	177	—	232	9		mg/dL	206	179	—	234	9
	BS-240E <sup>6</sup>	mmol/L	2.31	2.00	—	2.62	0.10	BS-600M <sup>16</sup>	mmol/L	2.43	2.10	—	2.76	0.11
		mg/dL	204	177	—	232	9		mg/dL	215	186	—	244	10
BS-300 <sup>7</sup>	mmol/L	2.29	1.98	—	2.60	0.10	BS-620M <sup>17</sup>	mmol/L	2.43	2.10	—	2.76	0.11	
	mg/dL	203	175	—	230	9		mg/dL	215	186	—	244	10	
BS-330 <sup>8</sup>	mmol/L	2.33	2.02	—	2.64	0.10	BS-800 <sup>18</sup>	mmol/L	2.37	2.05	—	2.69	0.11	
	mg/dL	206	179	—	234	9		mg/dL	210	181	—	238	10	
BS-330E <sup>9</sup>	mmol/L	2.34	2.02	—	2.66	0.11	BS-2000 <sup>19</sup>	mmol/L	2.36	2.04	—	2.68	0.11	
	mg/dL	207	179	—	235	10		mg/dL	209	181	—	237	10	
BS-360E <sup>10</sup>	mmol/L	2.32	2.01	—	2.63	0.10	BS-2800M <sup>20</sup>	mmol/L	2.43	2.10	—	2.76	0.11	
	mg/dL	205	178	—	233	9		mg/dL	215	186	—	244	10	
UA	BS-120 <sup>1</sup>	μmol/L	624	540	—	708	28	BS-380 <sup>11</sup>	μmol/L	637	551	—	723	29
		mg/dL	10.5	9.1	—	11.9	0.5		mg/dL	10.7	9.3	—	12.2	0.5
	BS-180 <sup>2</sup>	μmol/L	624	540	—	708	28	BS-400 <sup>12</sup>	μmol/L	637	551	—	723	29
		mg/dL	10.5	9.1	—	11.9	0.5		mg/dL	10.7	9.3	—	12.2	0.5
	BS-200 <sup>3</sup>	μmol/L	622	538	—	706	28	BS-430 <sup>13</sup>	μmol/L	640	554	—	726	29
		mg/dL	10.5	9.0	—	11.9	0.5		mg/dL	10.8	9.3	—	12.2	0.5
	BS-200E <sup>4</sup>	μmol/L	637	551	—	723	29	BS-480 <sup>14</sup>	μmol/L	640	554	—	726	29
		mg/dL	10.7	9.3	—	12.2	0.5		mg/dL	10.8	9.3	—	12.2	0.5
	BS-230 <sup>5</sup>	μmol/L	628	543	—	713	28	BS-600 <sup>15</sup>	μmol/L	640	554	—	726	29
		mg/dL	10.6	9.1	—	12.0	0.5		mg/dL	10.8	9.3	—	12.2	0.5
	BS-240E <sup>6</sup>	μmol/L	640	554	—	726	29	BS-600M <sup>16</sup>	μmol/L	652	564	—	740	29
		mg/dL	10.8	9.3	—	12.2	0.5		mg/dL	11.0	9.5	—	12.4	0.5
BS-300 <sup>7</sup>	μmol/L	637	551	—	723	29	BS-620M <sup>17</sup>	μmol/L	652	564	—	740	29	
	mg/dL	10.7	9.3	—	12.2	0.5		mg/dL	11.0	9.5	—	12.4	0.5	
BS-330 <sup>8</sup>	μmol/L	622	538	—	706	28	BS-800 <sup>18</sup>	μmol/L	640	554	—	726	29	
	mg/dL	10.5	9.0	—	11.9	0.5		mg/dL	10.8	9.3	—	12.2	0.5	
BS-330E <sup>9</sup>	μmol/L	637	551	—	723	29	BS-2000 <sup>19</sup>	μmol/L	643	556	—	730	29	
	mg/dL	10.7	9.3	—	12.2	0.5		mg/dL	10.8	9.3	—	12.3	0.5	
BS-360E <sup>10</sup>	μmol/L	633	548	—	718	28	BS-2800M <sup>20</sup>	μmol/L	652	564	—	740	29	
	mg/dL	10.6	9.2	—	12.1	0.5		mg/dL	11.0	9.5	—	12.4	0.5	
Urea	BS-120 <sup>1</sup>	mmol/L	20.9	17.8	—	24.0	1.0	BS-380 <sup>11</sup>	mmol/L	21.6	18.4	—	24.8	1.1
		mg/dL	126	107	—	144	6		mg/dL	130	111	—	149	7
	BS-180 <sup>2</sup>	mmol/L	20.9	17.8	—	24.0	1.0	BS-400 <sup>12</sup>	mmol/L	21.6	18.4	—	24.8	1.1
		mg/dL	126	107	—	144	6		mg/dL	130	111	—	149	7
	BS-200 <sup>3</sup>	mmol/L	20.9	17.8	—	24.0	1.0	BS-430 <sup>13</sup>	mmol/L	21.6	18.4	—	24.8	1.1
		mg/dL	126	107	—	144	6		mg/dL	130	111	—	149	7
	BS-200E <sup>4</sup>	mmol/L	21.6	18.4	—	24.8	1.1	BS-480 <sup>14</sup>	mmol/L	21.1	17.9	—	24.3	1.1
		mg/dL	130	111	—	149	7		mg/dL	127	108	—	146	7
	BS-230 <sup>5</sup>	mmol/L	21.3	18.1	—	24.5	1.1	BS-600 <sup>15</sup>	mmol/L	21.6	18.4	—	24.8	1.1
		mg/dL	128	109	—	147	7		mg/dL	130	111	—	149	7
	BS-240E <sup>6</sup>	mmol/L	21.1	17.9	—	24.3	1.1	BS-600M <sup>16</sup>	mmol/L	21.3	18.1	—	24.5	1.1
		mg/dL	127	108	—	146	7		mg/dL	128	109	—	147	7
BS-300 <sup>7</sup>	mmol/L	21.6	18.4	—	24.8	1.1	BS-620M <sup>17</sup>	mmol/L	21.3	18.1	—	24.5	1.1	
	mg/dL	130	111	—	149	7		mg/dL	128	109	—	147	7	
BS-330 <sup>8</sup>	mmol/L	20.9	17.8	—	24.0	1.0	BS-800 <sup>18</sup>	mmol/L	21.6	18.4	—	24.8	1.1	
	mg/dL	126	107	—	144	6		mg/dL	130	111	—	149	7	
BS-330E <sup>9</sup>	mmol/L	21.6	18.4	—	24.8	1.1	BS-2000 <sup>19</sup>	mmol/L	21.2	18.0	—	24.4	1.1	
	mg/dL	130	111	—	149	7		mg/dL	127	108	—	147	7	
BS-360E <sup>10</sup>	mmol/L	21.6	18.4	—	24.8	1.1	BS-2800M <sup>20</sup>	mmol/L	21.0	17.9	—	24.2	1.1	
	mg/dL	130	111	—	149	7		mg/dL	126	108	—	145	7	

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD			
<b>LIP</b>	<b>BS-120</b> <sup>1</sup>	U/L	93.7	74.9	—	112.5	6.3	<b>BS-380</b> <sup>11</sup>	U/L	101	81	—	121	7	
		µkat/L	1.56	1.25	—	1.88	0.11		µkat/L	1.69	1.35	—	2.02	0.12	
	<b>BS-180</b> <sup>2</sup>	U/L	/	/	—	/	/	<b>BS-400</b> <sup>12</sup>	U/L	101	81	—	121	7	
		µkat/L	/	/	—	/	/		µkat/L	1.69	1.35	—	2.02	0.12	
	<b>BS-200</b> <sup>3</sup>	U/L	99.8	79.7	—	119.9	6.7	<b>BS-430</b> <sup>13</sup>	U/L	99.2	79.3	—	119.1	6.6	
		µkat/L	1.67	1.33	—	2.00	0.11		µkat/L	1.66	1.32	—	1.99	0.11	
	<b>BS-200E</b> <sup>4</sup>	U/L	102	81	—	123	7	<b>BS-480</b> <sup>14</sup>	U/L	98.1	78.4	—	117.8	6.6	
		µkat/L	1.70	1.35	—	2.05	0.12		µkat/L	1.64	1.31	—	1.97	0.11	
	<b>BS-230</b> <sup>5</sup>	U/L	98.9	79.0	—	118.8	6.6	<b>BS-600</b> <sup>15</sup>	U/L	101	81	—	121	7	
		µkat/L	1.65	1.32	—	1.98	0.11		µkat/L	1.69	1.35	—	2.02	0.12	
	<b>BS-240E</b> <sup>6</sup>	U/L	94.7	75.7	—	113.7	6.3	<b>BS-600M</b> <sup>16</sup>	U/L	101	81	—	121	7	
		µkat/L	1.58	1.26	—	1.90	0.11		µkat/L	1.69	1.35	—	2.02	0.12	
	<b>BS-300</b> <sup>7</sup>	U/L	92.3	73.7	—	110.9	6.2	<b>BS-620M</b> <sup>17</sup>	U/L	101	81	—	121	7	
		µkat/L	1.54	1.23	—	1.85	0.10		µkat/L	1.69	1.35	—	2.02	0.12	
	<b>BS-330</b> <sup>8</sup>	U/L	/	/	—	/	/	<b>BS-800</b> <sup>18</sup>	U/L	101	81	—	121	7	
		µkat/L	/	/	—	/	/		µkat/L	1.69	1.35	—	2.02	0.12	
	<b>BS-330E</b> <sup>9</sup>	U/L	102	81	—	123	7	<b>BS-2000</b> <sup>19</sup>	U/L	98.5	78.7	—	118.3	6.6	
		µkat/L	1.70	1.35	—	2.05	0.12		µkat/L	1.64	1.31	—	1.98	0.11	
	<b>BS-360E</b> <sup>10</sup>	U/L	97.2	77.7	—	116.7	6.5	<b>BS-2800M</b> <sup>20</sup>	U/L	100	80	—	120	7	
		µkat/L	1.62	1.30	—	1.95	0.11		µkat/L	1.67	1.34	—	2.00	0.12	
<b>CHE</b>	<b>BS-200</b> <sup>3</sup>	U/L	9052	7233	—	10871	606	<b>BS-400</b> <sup>12</sup>	U/L	9278	7413	—	11143	622	
		µkat/L	151	121	—	182	10		µkat/L	155	124	—	186	10	
	<b>BS-200E</b> <sup>4</sup>	U/L	9008	7197	—	10819	604	<b>BS-430</b> <sup>13</sup>	U/L	9230	7375	—	11085	618	
		µkat/L	150	120	—	181	10		µkat/L	154	123	—	185	10	
	<b>BS-230</b> <sup>5</sup>	U/L	9057	7237	—	10877	607	<b>BS-480</b> <sup>14</sup>	U/L	9193	7345	—	11041	616	
		µkat/L	151	121	—	182	10		µkat/L	154	123	—	184	10	
	<b>BS-240E</b> <sup>6</sup>	U/L	9137	7300	—	10974	612	<b>BS-600</b> <sup>15</sup>	U/L	9230	7375	—	11085	618	
		µkat/L	153	122	—	183	10		µkat/L	154	123	—	185	10	
	<b>BS-300</b> <sup>7</sup>	U/L	8999	7190	—	10808	603	<b>BS-600M</b> <sup>16</sup>	U/L	9277	7412	—	11142	622	
		µkat/L	150	120	—	180	10		µkat/L	155	124	—	186	10	
	<b>BS-330</b> <sup>8</sup>	U/L	/	/	—	/	/	<b>BS-620M</b> <sup>17</sup>	U/L	9277	7412	—	11142	622	
		µkat/L	/	/	—	/	/		µkat/L	155	124	—	186	10	
	<b>BS-330E</b> <sup>9</sup>	U/L	9008	7197	—	10819	604	<b>BS-800</b> <sup>18</sup>	U/L	9230	7375	—	11085	618	
		µkat/L	150	120	—	181	10		µkat/L	154	123	—	185	10	
	<b>BS-360E</b> <sup>10</sup>	U/L	9049	7230	—	10868	606	<b>BS-2000</b> <sup>19</sup>	U/L	9321	7447	—	11195	625	
		µkat/L	151	121	—	181	10		µkat/L	156	124	—	187	10	
	<b>BS-380</b> <sup>11</sup>	U/L	9278	7413	—	11143	622	<b>BS-2800M</b> <sup>20</sup>	U/L	9277	7412	—	11142	622	
		µkat/L	155	124	—	186	10		µkat/L	155	124	—	186	10	
	<b>Fe</b>	<b>BS-120</b> <sup>1</sup>	µmol/L	43.9	35.1	—	52.7	2.9	<b>BS-380</b> <sup>11</sup>	µmol/L	44.3	35.4	—	53.2	3.0
			mg/L	2.46	1.97	—	2.95	0.16		mg/L	2.48	1.98	—	2.98	0.17
<b>BS-180</b> <sup>2</sup>		µmol/L	43.9	35.1	—	52.7	2.9	<b>BS-400</b> <sup>12</sup>	µmol/L	44.2	35.3	—	53.1	3.0	
		mg/L	2.46	1.97	—	2.95	0.16		mg/L	2.48	1.98	—	2.97	0.17	
<b>BS-200</b> <sup>3</sup>		µmol/L	44.8	35.8	—	53.8	3.0	<b>BS-430</b> <sup>13</sup>	µmol/L	43.7	34.9	—	52.5	2.9	
		mg/L	2.51	2.00	—	3.01	0.17		mg/L	2.45	1.95	—	2.94	0.16	
<b>BS-200E</b> <sup>4</sup>		µmol/L	43.5	34.8	—	52.2	2.9	<b>BS-480</b> <sup>14</sup>	µmol/L	43.6	34.8	—	52.4	2.9	
		mg/L	2.44	1.95	—	2.92	0.16		mg/L	2.44	1.95	—	2.93	0.16	
<b>BS-230</b> <sup>5</sup>		µmol/L	44.6	35.6	—	53.6	3.0	<b>BS-600</b> <sup>15</sup>	µmol/L	43.4	34.7	—	52.1	2.9	
		mg/L	2.50	1.99	—	3.00	0.17		mg/L	2.43	1.94	—	2.92	0.16	
<b>BS-240E</b> <sup>6</sup>		µmol/L	43.6	34.8	—	52.4	2.9	<b>BS-600M</b> <sup>16</sup>	µmol/L	44.2	35.3	—	53.1	3.0	
		mg/L	2.44	1.95	—	2.93	0.16		mg/L	2.48	1.98	—	2.97	0.17	
<b>BS-300</b> <sup>7</sup>		µmol/L	45.7	36.5	—	54.9	3.1	<b>BS-620M</b> <sup>17</sup>	µmol/L	44.2	35.3	—	53.1	3.0	
		mg/L	2.56	2.04	—	3.07	0.17		mg/L	2.48	1.98	—	2.97	0.17	
<b>BS-330</b> <sup>8</sup>		µmol/L	44.8	35.8	—	53.8	3.0	<b>BS-800</b> <sup>18</sup>	µmol/L	43.5	34.8	—	52.2	2.9	
		mg/L	2.51	2.00	—	3.01	0.17		mg/L	2.44	1.95	—	2.92	0.16	
<b>BS-330E</b> <sup>9</sup>		µmol/L	43.5	34.8	—	52.2	2.9	<b>BS-2000</b> <sup>19</sup>	µmol/L	44.2	35.3	—	53.1	3.0	
		mg/L	2.44	1.95	—	2.92	0.16		mg/L	2.48	1.98	—	2.97	0.17	
<b>BS-360E</b> <sup>10</sup>		µmol/L	44.4	35.5	—	53.3	3.0	<b>BS-2800M</b> <sup>20</sup>	µmol/L	43.4	34.7	—	52.1	2.9	
		mg/L	2.49	1.99	—	2.98	0.17		mg/L	2.43	1.94	—	2.92	0.16	

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>UIBC</b>	<b>BS-230</b> <sup>5</sup>	μmol/L	35.0	28.0	—	42.0	2.3	<b>BS-600</b> <sup>15</sup>	μmol/L	34.1	27.2	—	41.0	2.3
		μg/dL	196	157	—	235	13		μg/dL	191	152	—	229	13
	<b>BS-240E</b> <sup>6</sup>	μmol/L	35.5	28.4	—	42.6	2.4	<b>BS-600M</b> <sup>16</sup>	μmol/L	35.8	28.6	—	43.0	2.4
		μg/dL	198	159	—	238	13		μg/dL	200	160	—	240	13
	<b>BS-360E</b> <sup>10</sup>	μmol/L	36.4	29.1	—	43.7	2.4	<b>BS-620M</b> <sup>17</sup>	μmol/L	35.8	28.6	—	43.0	2.4
		μg/dL	203	163	—	244	13		μg/dL	200	160	—	240	13
	<b>BS-380</b> <sup>11</sup>	μmol/L	36.9	29.5	—	44.3	2.5	<b>BS-800</b> <sup>18</sup>	μmol/L	34.1	27.2	—	41.0	2.3
		μg/dL	206	165	—	248	14		μg/dL	191	152	—	229	13
	<b>BS-400</b> <sup>12</sup>	μmol/L	36.9	29.5	—	44.3	2.5	<b>BS-2000</b> <sup>19</sup>	μmol/L	33.3	26.6	—	40.0	2.2
		μg/dL	206	165	—	248	14		μg/dL	186	149	—	224	12
	<b>BS-430</b> <sup>13</sup>	μmol/L	34.1	27.2	—	41.0	2.3	<b>BS-2800M</b> <sup>20</sup>	μmol/L	33.6	26.8	—	40.4	2.3
		μg/dL	191	152	—	229	13		μg/dL	188	150	—	226	13
	<b>BS-480</b> <sup>14</sup>	μmol/L	37.2	29.7	—	44.7	2.5							
		μg/dL	208	166	—	250	14							
<b>ASOII</b>	<b>BS-200E</b> <sup>4</sup>	IU/mL	271	176	—	366	32	<b>BS-480</b> <sup>14</sup>	IU/mL	270	175	—	365	32
	<b>BS-230</b> <sup>5</sup>	IU/mL	273	177	—	369	32	<b>BS-600</b> <sup>15</sup>	IU/mL	270	175	—	365	32
	<b>BS-240E</b> <sup>6</sup>	IU/mL	270	175	—	365	32	<b>BS-600M</b> <sup>16</sup>	IU/mL	267	173	—	361	31
	<b>BS-360E</b> <sup>10</sup>	IU/mL	270	175	—	365	32	<b>BS-620M</b> <sup>17</sup>	IU/mL	267	173	—	361	31
	<b>BS-380</b> <sup>11</sup>	IU/mL	271	176	—	366	32	<b>BS-800</b> <sup>18</sup>	IU/mL	270	175	—	365	32
	<b>BS-400</b> <sup>12</sup>	IU/mL	271	176	—	366	32	<b>BS-2000</b> <sup>19</sup>	IU/mL	267	173	—	361	31
	<b>BS-430</b> <sup>13</sup>	IU/mL	270	175	—	365	32	<b>BS-2800M</b> <sup>20</sup>	IU/mL	267	173	—	361	31
<b>FER</b>	<b>BS-200E</b> <sup>4</sup>	ng/mL	199	169	—	229	10	<b>BS-480</b> <sup>14</sup>	ng/mL	195	166	—	224	10
		pmol/L	447	380	—	515	22		pmol/L	438	373	—	503	22
	<b>BS-230</b> <sup>5</sup>	ng/mL	199	169	—	229	10	<b>BS-600</b> <sup>15</sup>	ng/mL	195	166	—	224	10
		pmol/L	447	380	—	515	22		pmol/L	438	373	—	503	22
	<b>BS-240E</b> <sup>6</sup>	ng/mL	195	166	—	224	10	<b>BS-600M</b> <sup>16</sup>	ng/mL	191	162	—	220	10
		pmol/L	438	373	—	503	22		pmol/L	429	364	—	494	22
	<b>BS-360E</b> <sup>10</sup>	ng/mL	195	166	—	224	10	<b>BS-620M</b> <sup>17</sup>	ng/mL	191	162	—	220	10
		pmol/L	438	373	—	503	22		pmol/L	429	364	—	494	22
	<b>BS-380</b> <sup>11</sup>	ng/mL	199	169	—	229	10	<b>BS-800</b> <sup>18</sup>	ng/mL	195	166	—	224	10
		pmol/L	447	380	—	515	22		pmol/L	438	373	—	503	22
	<b>BS-400</b> <sup>12</sup>	ng/mL	199	169	—	229	10	<b>BS-2000</b> <sup>19</sup>	ng/mL	190	162	—	219	10
		pmol/L	447	380	—	515	22		pmol/L	427	364	—	492	22
	<b>BS-430</b> <sup>13</sup>	ng/mL	195	166	—	224	10	<b>BS-2800M</b> <sup>20</sup>	ng/mL	191	162	—	220	10
		pmol/L	438	373	—	503	22		pmol/L	429	364	—	494	22
<b>BS-120</b> <sup>1</sup>	mg/L	/	/	—	/	/	<b>BS-380</b> <sup>11</sup>	mg/L	54.5	38.2	—	70.9	5.5	
	nmol/L	/	/	—	/	/		nmol/L	519	364	—	675	52	
<b>BS-180</b> <sup>2</sup>	mg/L	/	/	—	/	/	<b>BS-400</b> <sup>12</sup>	mg/L	53.2	37.2	—	69.2	5.3	
	nmol/L	/	/	—	/	/		nmol/L	506	354	—	659	50	
<b>BS-200</b> <sup>3</sup>	mg/L	/	/	—	/	/	<b>BS-430</b> <sup>13</sup>	mg/L	54.3	38.0	—	70.6	5.4	
	nmol/L	/	/	—	/	/		nmol/L	517	362	—	672	51	
<b>BS-200E</b> <sup>4</sup>	mg/L	53.6	37.5	—	69.7	5.4	<b>BS-480</b> <sup>14</sup>	mg/L	54.1	37.9	—	70.3	5.4	
	nmol/L	510	357	—	664	51		nmol/L	515	361	—	669	51	
<b>BS-230</b> <sup>5</sup>	mg/L	53.9	37.7	—	70.1	5.4	<b>BS-600</b> <sup>15</sup>	mg/L	54.1	37.9	—	70.3	5.4	
	nmol/L	513	359	—	667	51		nmol/L	515	361	—	669	51	
<b>BS-240E</b> <sup>6</sup>	mg/L	53.5	37.5	—	69.6	5.4	<b>BS-600M</b> <sup>16</sup>	mg/L	54.2	37.9	—	70.5	5.4	
	nmol/L	509	357	—	663	51		nmol/L	516	361	—	671	51	
<b>BS-300</b> <sup>7</sup>	mg/L	54.5	38.2	—	70.9	5.5	<b>BS-620M</b> <sup>17</sup>	mg/L	54.2	37.9	—	70.5	5.4	
	nmol/L	519	364	—	675	52		nmol/L	516	361	—	671	51	
<b>BS-330</b> <sup>8</sup>	mg/L	/	/	—	/	/	<b>BS-800</b> <sup>18</sup>	mg/L	54.1	37.9	—	70.3	5.4	
	nmol/L	/	/	—	/	/		nmol/L	515	361	—	669	51	
<b>BS-330E</b> <sup>9</sup>	mg/L	53.6	37.5	—	69.7	5.4	<b>BS-2000</b> <sup>19</sup>	mg/L	53.5	37.5	—	69.6	5.4	
	nmol/L	510	357	—	664	51		nmol/L	509	357	—	663	51	
<b>BS-360E</b> <sup>10</sup>	mg/L	54.1	37.9	—	70.3	5.4	<b>BS-2800M</b> <sup>20</sup>	mg/L	54.2	37.9	—	70.5	5.4	
	nmol/L	515	361	—	669	51		nmol/L	516	361	—	671	51	

**HS-CRP**  
(Remark 5:  
The target  
value of HS-  
CRP in BS-  
240 is only  
applicable to  
BS-240)



Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
TRF	BS-120 <sup>1</sup>	g/L	3.21	2.73	—	3.69	0.16	BS-400 <sup>12</sup>	g/L	3.29	2.80	—	3.78	0.16
		μmol/L	40.4	34.4	—	46.5	2.0		μmol/L	41.5	35.3	—	47.6	2.0
	BS-180 <sup>2</sup>	g/L	/	/	—	/	/	BS-430 <sup>13</sup>	g/L	3.27	2.78	—	3.76	0.16
		μmol/L	/	/	—	/	/		μmol/L	41.2	35.0	—	47.4	2.0
	BS-200 <sup>3</sup>	g/L	3.18	2.70	—	3.66	0.16	BS-480 <sup>14</sup>	g/L	3.25	2.76	—	3.74	0.16
		μmol/L	40.1	34.0	—	46.1	2.0		μmol/L	41.0	34.8	—	47.1	2.0
	BS-200E <sup>4</sup>	g/L	3.29	2.80	—	3.78	0.16	BS-600 <sup>15</sup>	g/L	3.23	2.75	—	3.71	0.16
		μmol/L	41.5	35.3	—	47.6	2.0		μmol/L	40.7	34.7	—	46.7	2.0
	BS-230 <sup>5</sup>	g/L	3.25	2.76	—	3.74	0.16	BS-600M <sup>16</sup>	g/L	3.17	2.69	—	3.65	0.16
		μmol/L	41.0	34.8	—	47.1	2.0		μmol/L	39.9	33.9	—	46.0	2.0
	BS-240E <sup>6</sup>	g/L	3.20	2.72	—	3.68	0.16	BS-620M <sup>17</sup>	g/L	3.17	2.69	—	3.65	0.16
		μmol/L	40.3	34.3	—	46.4	2.0		μmol/L	39.9	33.9	—	46.0	2.0
	BS-330 <sup>8</sup>	g/L	/	/	—	/	/	BS-800 <sup>18</sup>	g/L	3.25	2.76	—	3.74	0.16
		μmol/L	/	/	—	/	/		μmol/L	41.0	34.8	—	47.1	2.0
	BS-330E <sup>9</sup>	g/L	/	/	—	/	/	BS-2000 <sup>19</sup>	g/L	3.23	2.75	—	3.71	0.16
		μmol/L	/	/	—	/	/		μmol/L	40.7	34.7	—	46.7	2.0
	BS-360E <sup>10</sup>	g/L	3.22	2.74	—	3.70	0.16	BS-2800M <sup>20</sup>	g/L	3.17	2.69	—	3.65	0.16
		μmol/L	40.6	34.5	—	46.6	2.0		μmol/L	39.9	33.9	—	46.0	2.0
BS-380 <sup>11</sup>	g/L	3.29	2.80	—	3.78	0.16								
	μmol/L	41.5	35.3	—	47.6	2.0								
Na <sup>+</sup>	BS-120 <sup>1</sup>	mmol/L	153	138	—	168	5	BS-380 <sup>11</sup>	mmol/L	153	138	—	168	5
	BS-180 <sup>2</sup>	mmol/L	153	138	—	168	5	BS-400 <sup>12</sup>	mmol/L	153	138	—	168	5
	BS-200 <sup>3</sup>	mmol/L	153	138	—	168	5	BS-430 <sup>13</sup>	mmol/L	153	138	—	168	5
	BS-200E <sup>4</sup>	mmol/L	153	138	—	168	5	BS-480 <sup>14</sup>	mmol/L	151	136	—	166	5
	BS-230 <sup>5</sup>	mmol/L	153	138	—	168	5	BS-600 <sup>15</sup>	mmol/L	147	132	—	162	5
	BS-240E <sup>6</sup>	mmol/L	147	132	—	162	5	BS-600M <sup>16</sup>	mmol/L	150	135	—	165	5
	BS-300 <sup>7</sup>	mmol/L	153	138	—	168	5	BS-620M <sup>17</sup>	mmol/L	150	135	—	165	5
	BS-330 <sup>8</sup>	mmol/L	153	138	—	168	5	BS-800 <sup>18</sup>	mmol/L	137	123	—	151	5
	BS-330E <sup>9</sup>	mmol/L	153	138	—	168	5	BS-2000 <sup>19</sup>	mmol/L	137	123	—	151	5
	BS-360E <sup>10</sup>	mmol/L	153	138	—	168	5	BS-2800M <sup>20</sup>	mmol/L	137	123	—	151	5
K <sup>+</sup>	BS-120 <sup>1</sup>	mmol/L	8.21	7.40	—	9.02	0.27	BS-380 <sup>11</sup>	mmol/L	8.02	7.23	—	8.81	0.26
	BS-180 <sup>2</sup>	mmol/L	8.21	7.40	—	9.02	0.27	BS-400 <sup>12</sup>	mmol/L	8.21	7.40	—	9.02	0.27
	BS-200 <sup>3</sup>	mmol/L	8.21	7.40	—	9.02	0.27	BS-430 <sup>13</sup>	mmol/L	8.04	7.24	—	8.84	0.27
	BS-200E <sup>4</sup>	mmol/L	8.21	7.40	—	9.02	0.27	BS-480 <sup>14</sup>	mmol/L	8.11	7.31	—	8.91	0.27
	BS-230 <sup>5</sup>	mmol/L	8.21	7.40	—	9.02	0.27	BS-600 <sup>15</sup>	mmol/L	7.81	7.04	—	8.58	0.26
	BS-240E <sup>6</sup>	mmol/L	7.75	6.98	—	8.52	0.26	BS-600M <sup>16</sup>	mmol/L	7.92	7.14	—	8.70	0.26
	BS-300 <sup>7</sup>	mmol/L	8.21	7.40	—	9.02	0.27	BS-620M <sup>17</sup>	mmol/L	7.92	7.14	—	8.70	0.26
	BS-330 <sup>8</sup>	mmol/L	8.21	7.40	—	9.02	0.27	BS-800 <sup>18</sup>	mmol/L	7.45	6.71	—	8.19	0.25
	BS-330E <sup>9</sup>	mmol/L	8.21	7.40	—	9.02	0.27	BS-2000 <sup>19</sup>	mmol/L	7.42	6.69	—	8.15	0.24
	BS-360E <sup>10</sup>	mmol/L	8.21	7.40	—	9.02	0.27	BS-2800M <sup>20</sup>	mmol/L	7.43	6.69	—	8.17	0.25
Cl <sup>-</sup>	BS-120 <sup>1</sup>	mmol/L	116	105	—	127	4	BS-380 <sup>11</sup>	mmol/L	115	104	—	126	4
	BS-180 <sup>2</sup>	mmol/L	116	105	—	127	4	BS-400 <sup>12</sup>	mmol/L	116	105	—	127	4
	BS-200 <sup>3</sup>	mmol/L	116	105	—	127	4	BS-430 <sup>13</sup>	mmol/L	113	102	—	124	4
	BS-200E <sup>4</sup>	mmol/L	116	105	—	127	4	BS-480 <sup>14</sup>	mmol/L	115	104	—	126	4
	BS-230 <sup>5</sup>	mmol/L	116	105	—	127	4	BS-600 <sup>15</sup>	mmol/L	111	100	—	122	4
	BS-240E <sup>6</sup>	mmol/L	113	102	—	124	4	BS-600M <sup>16</sup>	mmol/L	112	101	—	123	4
	BS-300 <sup>7</sup>	mmol/L	116	105	—	127	4	BS-620M <sup>17</sup>	mmol/L	112	101	—	123	4
	BS-330 <sup>8</sup>	mmol/L	116	105	—	127	4	BS-800 <sup>18</sup>	mmol/L	111	100	—	122	4
	BS-330E <sup>9</sup>	mmol/L	116	105	—	127	4	BS-2000 <sup>19</sup>	mmol/L	111	100	—	122	4
	BS-360E <sup>10</sup>	mmol/L	116	105	—	127	4	BS-2800M <sup>20</sup>	mmol/L	111	100	—	122	4