

## 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

**We have updated the control value for new version Crea, ApoB and Bil-D reagent. Please select the corresponding value and update.**

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** : 059422005

**EXP** : 2024-04-13

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	Colesterolo LDL	Creatina chinase	creatina chinasi-MB	Creatinina	Glucosio
Türkçe	LDL-Kolesterol	Kreatin Kinaz	creatina 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 Glutamyl Transferase	α-Hidroxi butirato Desidrogenase	Apolipoproteína A1	Apolipoproteína B	complemento C3

<b>Español</b>	Gamma-Glutamiltransferasa	α-hidroxibutirato 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-Glutamilttransferaz	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 М					
<b>Português</b>	complemento C4	proteína C-reativa	Imunoglobulina A	Imunoglobulina G	Imunoglobulina M					
<b>Español</b>	complemento C4	proteína C reactiva	Immunoglobulina A	Immunoglobulina G	Immunoglobulina 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>	Triglicédeos	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							
<b>Abbreviated name</b>	<b>Model</b>	<b>Unit</b>	<b>Assay Value</b>	<b>Range(Assay Value±3SD)</b>	<b>1 SD</b>	<b>Model</b>	<b>Unit</b>	<b>Assay Value</b>	<b>Range(Assay Value±3SD)</b>	<b>1 SD</b>
<b>ALB II</b>	<b>BS-120</b> <sup>1</sup>	g/L	44.9	38.2 — 51.6	2.2	<b>BS-380</b> <sup>11</sup>	g/L	46.0	39.1 — 52.9	2.3
		μmol/L	682	581 — 784	33		μmol/L	699	594 — 804	35
	<b>BS-180</b> <sup>2</sup>	g/L	44.9	38.2 — 51.6	2.2	<b>BS-400</b> <sup>12</sup>	g/L	46.3	39.4 — 53.2	2.3
		μmol/L	682	581 — 784	33		μmol/L	704	599 — 809	35
	<b>BS-200</b> <sup>3</sup>	g/L	45.6	38.8 — 52.4	2.3	<b>BS-430</b> <sup>13</sup>	g/L	46.9	39.9 — 53.9	2.3
		μmol/L	693	590 — 796	35		μmol/L	713	606 — 819	35
	<b>BS-200E</b> <sup>4</sup>	g/L	45.7	38.8 — 52.6	2.3	<b>BS-480</b> <sup>14</sup>	g/L	47.4	40.3 — 54.5	2.4
		μmol/L	695	590 — 800	35		μmol/L	720	613 — 828	36
	<b>BS-230</b> <sup>5</sup>	g/L	46.6	39.6 — 53.6	2.3	<b>BS-600</b> <sup>15</sup>	g/L	46.1	39.2 — 53.0	2.3
		μmol/L	708	602 — 815	35		μmol/L	701	596 — 806	35
	<b>BS-240E</b> <sup>6</sup>	g/L	45.9	39.0 — 52.8	2.3	<b>BS-600M</b> <sup>16</sup>	g/L	47.7	40.5 — 54.9	2.4
		μmol/L	698	593 — 803	35		μmol/L	725	616 — 834	36
	<b>BS-300</b> <sup>7</sup>	g/L	46.8	39.8 — 53.8	2.3	<b>BS-620M</b> <sup>17</sup>	g/L	47.7	40.5 — 54.9	2.4
		μmol/L	711	605 — 818	35		μmol/L	725	616 — 834	36
	<b>BS-330</b> <sup>8</sup>	g/L	45.6	38.8 — 52.4	2.3	<b>BS-800</b> <sup>18</sup>	g/L	46.1	39.2 — 53.0	2.3
		μmol/L	693	590 — 796	35		μmol/L	701	596 — 806	35
	<b>BS-330E</b> <sup>9</sup>	g/L	45.7	38.8 — 52.6	2.3	<b>BS-2000</b> <sup>19</sup>	g/L	46.7	39.7 — 53.7	2.3
		μmol/L	695	590 — 800	35		μmol/L	710	603 — 816	35
	<b>BS-360E</b> <sup>10</sup>	g/L	44.9	38.2 — 51.6	2.2	<b>BS-2800M</b> <sup>20</sup>	g/L	47.7	40.5 — 54.9	2.4
		μmol/L	682	581 — 784	33		μmol/L	725	616 — 834	36

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>	<b>BS-120</b> <sup>1</sup>	U/L	230	196	—	265	12	<b>BS-380</b> <sup>11</sup>	U/L	232	197	—	267	12
		μkat/L	3.84	3.27	—	4.43	0.20		μkat/L	3.87	3.29	—	4.46	0.20
	<b>BS-180</b> <sup>2</sup>	U/L	230	196	—	265	12	<b>BS-400</b> <sup>12</sup>	U/L	232	197	—	267	12
		μkat/L	3.84	3.27	—	4.43	0.20		μkat/L	3.87	3.29	—	4.46	0.20
	<b>BS-200</b> <sup>3</sup>	U/L	225	191	—	259	11	<b>BS-430</b> <sup>13</sup>	U/L	236	201	—	271	12
		μkat/L	3.76	3.19	—	4.33	0.18		μkat/L	3.94	3.36	—	4.53	0.20
	<b>BS-200E</b> <sup>4</sup>	U/L	237	201	—	273	12	<b>BS-480</b> <sup>14</sup>	U/L	234	199	—	269	12
		μkat/L	3.96	3.36	—	4.56	0.20		μkat/L	3.91	3.32	—	4.49	0.20
	<b>BS-230</b> <sup>5</sup>	U/L	228	194	—	262	11	<b>BS-600</b> <sup>15</sup>	U/L	231	196	—	266	12
		μkat/L	3.81	3.24	—	4.38	0.18		μkat/L	3.86	3.27	—	4.44	0.20
	<b>BS-240E</b> <sup>6</sup>	U/L	231	196	—	266	12	<b>BS-600M</b> <sup>16</sup>	U/L	233	198	—	268	12
		μkat/L	3.86	3.27	—	4.44	0.20		μkat/L	3.89	3.31	—	4.48	0.20
	<b>BS-300</b> <sup>7</sup>	U/L	234	199	—	269	12	<b>BS-620M</b> <sup>17</sup>	U/L	233	198	—	268	12
		μkat/L	3.91	3.32	—	4.49	0.20		μkat/L	3.89	3.31	—	4.48	0.20
	<b>BS-330</b> <sup>8</sup>	U/L	225	191	—	259	11	<b>BS-800</b> <sup>18</sup>	U/L	231	196	—	266	12
		μkat/L	3.76	3.19	—	4.33	0.18		μkat/L	3.86	3.27	—	4.44	0.20
	<b>BS-330E</b> <sup>9</sup>	U/L	237	201	—	273	12	<b>BS-2000</b> <sup>19</sup>	U/L	234	199	—	269	12
		μkat/L	3.96	3.36	—	4.56	0.20		μkat/L	3.91	3.32	—	4.49	0.20
	<b>BS-360E</b> <sup>10</sup>	U/L	228	194	—	262	11	<b>BS-2800M</b> <sup>20</sup>	U/L	233	198	—	268	12
		μkat/L	3.81	3.24	—	4.38	0.18		μkat/L	3.89	3.31	—	4.48	0.20
<b>ALT</b>	<b>BS-120</b> <sup>1</sup>	U/L	143	122	—	164	7	<b>BS-380</b> <sup>11</sup>	U/L	145	123	—	167	7
		μkat/L	2.39	2.04	—	2.74	0.12		μkat/L	2.42	2.05	—	2.79	0.12
	<b>BS-180</b> <sup>2</sup>	U/L	143	122	—	164	7	<b>BS-400</b> <sup>12</sup>	U/L	145	123	—	167	7
		μkat/L	2.39	2.04	—	2.74	0.12		μkat/L	2.42	2.05	—	2.79	0.12
	<b>BS-200</b> <sup>3</sup>	U/L	143	122	—	164	7	<b>BS-430</b> <sup>13</sup>	U/L	143	122	—	164	7
		μkat/L	2.39	2.04	—	2.74	0.12		μkat/L	2.39	2.04	—	2.74	0.12
	<b>BS-200E</b> <sup>4</sup>	U/L	142	121	—	163	7	<b>BS-480</b> <sup>14</sup>	U/L	145	123	—	167	7
		μkat/L	2.37	2.02	—	2.72	0.12		μkat/L	2.42	2.05	—	2.79	0.12
	<b>BS-230</b> <sup>5</sup>	U/L	144	122	—	166	7	<b>BS-600</b> <sup>15</sup>	U/L	143	122	—	164	7
		μkat/L	2.40	2.04	—	2.77	0.12		μkat/L	2.39	2.04	—	2.74	0.12
	<b>BS-240E</b> <sup>6</sup>	U/L	144	122	—	166	7	<b>BS-600M</b> <sup>16</sup>	U/L	145	123	—	167	7
		μkat/L	2.40	2.04	—	2.77	0.12		μkat/L	2.42	2.05	—	2.79	0.12
	<b>BS-300</b> <sup>7</sup>	U/L	145	123	—	167	7	<b>BS-620M</b> <sup>17</sup>	U/L	145	123	—	167	7
		μkat/L	2.42	2.05	—	2.79	0.12		μkat/L	2.42	2.05	—	2.79	0.12
	<b>BS-330</b> <sup>8</sup>	U/L	143	122	—	164	7	<b>BS-800</b> <sup>18</sup>	U/L	143	122	—	164	7
		μkat/L	2.39	2.04	—	2.74	0.12		μkat/L	2.39	2.04	—	2.74	0.12
	<b>BS-330E</b> <sup>9</sup>	U/L	142	121	—	163	7	<b>BS-2000</b> <sup>19</sup>	U/L	143	122	—	164	7
		μkat/L	2.37	2.02	—	2.72	0.12		μkat/L	2.39	2.04	—	2.74	0.12
	<b>BS-360E</b> <sup>10</sup>	U/L	143	122	—	164	7	<b>BS-2800M</b> <sup>20</sup>	U/L	145	123	—	167	7
		μkat/L	2.39	2.04	—	2.74	0.12		μkat/L	2.42	2.05	—	2.79	0.12
<b>α-AMY</b>	<b>BS-120</b> <sup>1</sup>	U/L	279	237	—	321	14	<b>BS-380</b> <sup>11</sup>	U/L	287	244	—	330	14
		μkat/L	4.66	3.96	—	5.36	0.23		μkat/L	4.79	4.07	—	5.51	0.23
	<b>BS-180</b> <sup>2</sup>	U/L	279	237	—	321	14	<b>BS-400</b> <sup>12</sup>	U/L	287	244	—	330	14
		μkat/L	4.66	3.96	—	5.36	0.23		μkat/L	4.79	4.07	—	5.51	0.23
	<b>BS-200</b> <sup>3</sup>	U/L	282	240	—	324	14	<b>BS-430</b> <sup>13</sup>	U/L	289	246	—	332	14
		μkat/L	4.71	4.01	—	5.41	0.23		μkat/L	4.83	4.11	—	5.54	0.23
	<b>BS-200E</b> <sup>4</sup>	U/L	290	247	—	334	15	<b>BS-480</b> <sup>14</sup>	U/L	292	248	—	336	15
		μkat/L	4.84	4.12	—	5.58	0.25		μkat/L	4.88	4.14	—	5.61	0.25
	<b>BS-230</b> <sup>5</sup>	U/L	288	245	—	331	14	<b>BS-600</b> <sup>15</sup>	U/L	285	242	—	328	14
		μkat/L	4.81	4.09	—	5.53	0.23		μkat/L	4.76	4.04	—	5.48	0.23
	<b>BS-240E</b> <sup>6</sup>	U/L	283	241	—	325	14	<b>BS-600M</b> <sup>16</sup>	U/L	290	247	—	334	15
		μkat/L	4.73	4.02	—	5.43	0.23		μkat/L	4.84	4.12	—	5.58	0.25
	<b>BS-300</b> <sup>7</sup>	U/L	290	247	—	334	15	<b>BS-620M</b> <sup>17</sup>	U/L	290	247	—	334	15
		μkat/L	4.84	4.12	—	5.58	0.25		μkat/L	4.84	4.12	—	5.58	0.25
	<b>BS-330</b> <sup>8</sup>	U/L	282	240	—	324	14	<b>BS-800</b> <sup>18</sup>	U/L	287	244	—	330	14
		μkat/L	4.71	4.01	—	5.41	0.23		μkat/L	4.79	4.07	—	5.51	0.23
	<b>BS-330E</b> <sup>9</sup>	U/L	290	247	—	334	15	<b>BS-2000</b> <sup>19</sup>	U/L	289	246	—	332	14
		μkat/L	4.84	4.12	—	5.58	0.25		μkat/L	4.83	4.11	—	5.54	0.23
	<b>BS-360E</b> <sup>10</sup>	U/L	286	243	—	329	14	<b>BS-2800M</b> <sup>20</sup>	U/L	290	247	—	334	15
		μkat/L	4.78	4.06	—	5.49	0.23		μkat/L	4.84	4.12	—	5.58	0.25

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	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-180 <sup>2</sup>	U/L	154	131	—	177	8	BS-400 <sup>12</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-200 <sup>3</sup>	U/L	153	130	—	176	8	BS-430 <sup>13</sup>	U/L	155	132	—	178	8
		μkat/L	2.56	2.17	—	2.94	0.13		μkat/L	2.59	2.20	—	2.97	0.13
	BS-200E <sup>4</sup>	U/L	157	133	—	181	8	BS-480 <sup>14</sup>	U/L	155	132	—	178	8
		μkat/L	2.62	2.22	—	3.02	0.13		μkat/L	2.59	2.20	—	2.97	0.13
	BS-230 <sup>5</sup>	U/L	153	130	—	176	8	BS-600 <sup>15</sup>	U/L	155	132	—	178	8
		μkat/L	2.56	2.17	—	2.94	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	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-300 <sup>7</sup>	U/L	155	132	—	178	8	BS-620M <sup>17</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-330 <sup>8</sup>	U/L	153	130	—	176	8	BS-800 <sup>18</sup>	U/L	155	132	—	178	8
		μkat/L	2.56	2.17	—	2.94	0.13		μkat/L	2.59	2.20	—	2.97	0.13
	BS-330E <sup>9</sup>	U/L	157	133	—	181	8	BS-2000 <sup>19</sup>	U/L	154	131	—	177	8
		μkat/L	2.62	2.22	—	3.02	0.13		μkat/L	2.57	2.19	—	2.96	0.13
	BS-360E <sup>10</sup>	U/L	155	132	—	178	8	BS-2800M <sup>20</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
<b>Bil-D (DSA) II</b>	BS-120 <sup>1</sup>	μmol/L	45.3	35.1	—	55.5	3.4	BS-380 <sup>11</sup>	μmol/L	45.1	35.0	—	55.2	3.4
		mg/dL	2.65	2.05	—	3.25	0.20		mg/dL	2.64	2.05	—	3.23	0.20
	BS-180 <sup>2</sup>	μmol/L	45.3	35.1	—	55.5	3.4	BS-400 <sup>12</sup>	μmol/L	44.5	34.5	—	54.5	3.3
		mg/dL	2.65	2.05	—	3.25	0.20		mg/dL	2.60	2.02	—	3.19	0.19
	BS-200 <sup>3</sup>	μmol/L	45.1	35.0	—	55.2	3.4	BS-430 <sup>13</sup>	μmol/L	45.5	35.3	—	55.7	3.4
		mg/dL	2.64	2.05	—	3.23	0.20		mg/dL	2.66	2.06	—	3.26	0.20
	BS-200E <sup>4</sup>	μmol/L	45.1	35.0	—	55.2	3.4	BS-480 <sup>14</sup>	μmol/L	45.0	34.9	—	55.1	3.4
		mg/dL	2.64	2.05	—	3.23	0.20		mg/dL	2.63	2.04	—	3.22	0.20
	BS-230 <sup>5</sup>	μmol/L	44.7	34.6	—	54.8	3.4	BS-600 <sup>15</sup>	μmol/L	44.5	34.5	—	54.5	3.3
		mg/dL	2.61	2.02	—	3.20	0.20		mg/dL	2.60	2.02	—	3.19	0.19
	BS-240E <sup>6</sup>	μmol/L	45.0	34.9	—	55.1	3.4	BS-600M <sup>16</sup>	μmol/L	44.7	34.6	—	54.8	3.4
		mg/dL	2.63	2.04	—	3.22	0.20		mg/dL	2.61	2.02	—	3.20	0.20
	BS-300 <sup>7</sup>	μmol/L	44.9	34.8	—	55.0	3.4	BS-620M <sup>17</sup>	μmol/L	44.7	34.6	—	54.8	3.4
		mg/dL	2.63	2.04	—	3.22	0.20		mg/dL	2.61	2.02	—	3.20	0.20
	BS-330 <sup>8</sup>	μmol/L	45.1	35.0	—	55.2	3.4	BS-800 <sup>18</sup>	μmol/L	45.5	35.3	—	55.7	3.4
		mg/dL	2.64	2.05	—	3.23	0.20		mg/dL	2.66	2.06	—	3.26	0.20
	BS-330E <sup>9</sup>	μmol/L	45.1	35.0	—	55.2	3.4	BS-2000 <sup>19</sup>	μmol/L	44.7	34.6	—	54.8	3.4
		mg/dL	2.64	2.05	—	3.23	0.20		mg/dL	2.61	2.02	—	3.20	0.20
	BS-360E <sup>10</sup>	μmol/L	45.1	35.0	—	55.2	3.4	BS-2800M <sup>20</sup>	μmol/L	45.7	35.4	—	56.0	3.4
		mg/dL	2.64	2.05	—	3.23	0.20		mg/dL	2.67	2.07	—	3.27	0.20
<b>Bil-D (VOX)</b>	BS-120 <sup>1</sup>	μmol/L	32.6	25.3	—	39.9	2.4	BS-380 <sup>11</sup>	μmol/L	32.7	25.3	—	40.1	2.5
		mg/dL	1.91	1.48	—	2.33	0.14		mg/dL	1.91	1.48	—	2.35	0.15
	BS-180 <sup>2</sup>	μmol/L	32.6	25.3	—	39.9	2.4	BS-400 <sup>12</sup>	μmol/L	32.4	25.1	—	39.7	2.4
		mg/dL	1.91	1.48	—	2.33	0.14		mg/dL	1.89	1.47	—	2.32	0.14
	BS-200 <sup>3</sup>	μmol/L	31.8	24.6	—	39.0	2.4	BS-430 <sup>13</sup>	μmol/L	32.6	25.3	—	39.9	2.4
		mg/dL	1.86	1.44	—	2.28	0.14		mg/dL	1.91	1.48	—	2.33	0.14
	BS-200E <sup>4</sup>	μmol/L	33.0	25.6	—	40.4	2.5	BS-480 <sup>14</sup>	μmol/L	31.9	24.7	—	39.1	2.4
		mg/dL	1.93	1.50	—	2.36	0.15		mg/dL	1.87	1.44	—	2.29	0.14
	BS-230 <sup>5</sup>	μmol/L	33.4	25.9	—	40.9	2.5	BS-600 <sup>15</sup>	μmol/L	32.7	25.3	—	40.1	2.5
		mg/dL	1.95	1.51	—	2.39	0.15		mg/dL	1.91	1.48	—	2.35	0.15
	BS-240E <sup>6</sup>	μmol/L	32.4	25.1	—	39.7	2.4	BS-600M <sup>16</sup>	μmol/L	32.8	25.4	—	40.2	2.5
		mg/dL	1.89	1.47	—	2.32	0.14		mg/dL	1.92	1.49	—	2.35	0.15
	BS-300 <sup>7</sup>	μmol/L	32.3	25.0	—	39.6	2.4	BS-620M <sup>17</sup>	μmol/L	32.8	25.4	—	40.2	2.5
		mg/dL	1.89	1.46	—	2.32	0.14		mg/dL	1.92	1.49	—	2.35	0.15
	BS-330 <sup>8</sup>	μmol/L	31.8	24.6	—	39.0	2.4	BS-800 <sup>18</sup>	μmol/L	32.6	25.3	—	39.9	2.4
		mg/dL	1.86	1.44	—	2.28	0.14		mg/dL	1.91	1.48	—	2.33	0.14
	BS-330E <sup>9</sup>	μmol/L	33.0	25.6	—	40.4	2.5	BS-2000 <sup>19</sup>	μmol/L	32.4	25.1	—	39.7	2.4
		mg/dL	1.93	1.50	—	2.36	0.15		mg/dL	1.89	1.47	—	2.32	0.14
	BS-360E <sup>10</sup>	μmol/L	32.5	25.2	—	39.8	2.4	BS-2800M <sup>20</sup>	μmol/L	32.8	25.4	—	40.2	2.5
		mg/dL	1.90	1.47	—	2.33	0.14		mg/dL	1.92	1.49	—	2.35	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-D (VOX)</b> Note: This reference value is only applicable to 140721003 and before batch reagents	BS-120 <sup>1</sup>	μmol/L	38.1	29.5	—	46.7	2.9	BS-380 <sup>11</sup>	μmol/L	37.9	29.4	—	46.4	2.8
		mg/dL	2.23	1.73	—	2.73	0.17		mg/dL	2.22	1.72	—	2.71	0.16
	BS-180 <sup>2</sup>	μmol/L	38.1	29.5	—	46.7	2.9	BS-400 <sup>12</sup>	μmol/L	37.9	29.4	—	46.4	2.8
		mg/dL	2.23	1.73	—	2.73	0.17		mg/dL	2.22	1.72	—	2.71	0.16
	BS-200 <sup>3</sup>	μmol/L	38.1	29.5	—	46.7	2.9	BS-430 <sup>13</sup>	μmol/L	38.4	29.8	—	47.0	2.9
		mg/dL	2.23	1.73	—	2.73	0.17		mg/dL	2.25	1.74	—	2.75	0.17
	BS-200E <sup>4</sup>	μmol/L	38.6	29.9	—	47.3	2.9	BS-480 <sup>14</sup>	μmol/L	38.0	29.5	—	46.6	2.9
		mg/dL	2.26	1.75	—	2.77	0.17		mg/dL	2.22	1.73	—	2.73	0.17
	BS-230 <sup>5</sup>	μmol/L	38.3	29.7	—	46.9	2.9	BS-600 <sup>15</sup>	μmol/L	38.4	29.8	—	47.0	2.9
		mg/dL	2.24	1.74	—	2.74	0.17		mg/dL	2.25	1.74	—	2.75	0.17
	BS-240E <sup>6</sup>	μmol/L	38.4	29.8	—	47.0	2.9	BS-600M <sup>16</sup>	μmol/L	38.6	29.9	—	47.3	2.9
		mg/dL	2.25	1.74	—	2.75	0.17		mg/dL	2.26	1.75	—	2.77	0.17
	BS-300 <sup>7</sup>	μmol/L	37.9	29.4	—	46.4	2.8	BS-620M <sup>17</sup>	μmol/L	38.6	29.9	—	47.3	2.9
		mg/dL	2.22	1.72	—	2.71	0.16		mg/dL	2.26	1.75	—	2.77	0.17
	BS-330 <sup>8</sup>	μmol/L	38.1	29.5	—	46.7	2.9	BS-800 <sup>18</sup>	μmol/L	38.4	29.8	—	47.0	2.9
		mg/dL	2.23	1.73	—	2.73	0.17		mg/dL	2.25	1.74	—	2.75	0.17
	BS-330E <sup>9</sup>	μmol/L	38.6	29.9	—	47.3	2.9	BS-2000 <sup>19</sup>	μmol/L	39.4	30.5	—	48.3	3.0
		mg/dL	2.26	1.75	—	2.77	0.17		mg/dL	2.30	1.78	—	2.82	0.18
	BS-360E <sup>10</sup>	μmol/L	38.4	29.8	—	47.0	2.9	BS-2800M <sup>20</sup>	μmol/L	38.6	29.9	—	47.3	2.9
		mg/dL	2.25	1.74	—	2.75	0.17		mg/dL	2.26	1.75	—	2.77	0.17
<b>Bil-T (DSA) II</b>	BS-120 <sup>1</sup>	μmol/L	66.6	51.6	—	81.6	5.0	BS-380 <sup>11</sup>	μmol/L	69.4	53.8	—	85.0	5.2
		mg/dL	3.89	3.02	—	4.77	0.29		mg/dL	4.06	3.15	—	4.97	0.30
	BS-180 <sup>2</sup>	μmol/L	66.6	51.6	—	81.6	5.0	BS-400 <sup>12</sup>	μmol/L	69.4	53.8	—	85.0	5.2
		mg/dL	3.89	3.02	—	4.77	0.29		mg/dL	4.06	3.15	—	4.97	0.30
	BS-200 <sup>3</sup>	μmol/L	67.7	52.5	—	82.9	5.1	BS-430 <sup>13</sup>	μmol/L	71.0	55.0	—	87.0	5.3
		mg/dL	3.96	3.07	—	4.85	0.30		mg/dL	4.15	3.22	—	5.09	0.31
	BS-200E <sup>4</sup>	μmol/L	69.4	53.8	—	85.0	5.2	BS-480 <sup>14</sup>	μmol/L	69.0	53.5	—	84.5	5.2
		mg/dL	4.06	3.15	—	4.97	0.30		mg/dL	4.04	3.13	—	4.94	0.30
	BS-230 <sup>5</sup>	μmol/L	67.7	52.5	—	82.9	5.1	BS-600 <sup>15</sup>	μmol/L	71.0	55.0	—	87.0	5.3
		mg/dL	3.96	3.07	—	4.85	0.30		mg/dL	4.15	3.22	—	5.09	0.31
	BS-240E <sup>6</sup>	μmol/L	68.5	53.1	—	83.9	5.1	BS-600M <sup>16</sup>	μmol/L	70.5	54.6	—	86.4	5.3
		mg/dL	4.01	3.11	—	4.91	0.30		mg/dL	4.12	3.19	—	5.05	0.31
	BS-300 <sup>7</sup>	μmol/L	69.4	53.8	—	85.0	5.2	BS-620M <sup>17</sup>	μmol/L	70.5	54.6	—	86.4	5.3
		mg/dL	4.06	3.15	—	4.97	0.30		mg/dL	4.12	3.19	—	5.05	0.31
	BS-330 <sup>8</sup>	μmol/L	67.7	52.5	—	82.9	5.1	BS-800 <sup>18</sup>	μmol/L	71.0	55.0	—	87.0	5.3
		mg/dL	3.96	3.07	—	4.85	0.30		mg/dL	4.15	3.22	—	5.09	0.31
	BS-330E <sup>9</sup>	μmol/L	69.4	53.8	—	85.0	5.2	BS-2000 <sup>19</sup>	μmol/L	70.0	54.3	—	85.8	5.3
		mg/dL	4.06	3.15	—	4.97	0.30		mg/dL	4.09	3.18	—	5.02	0.31
	BS-360E <sup>10</sup>	μmol/L	71.0	55.0	—	87.0	5.3	BS-2800M <sup>20</sup>	μmol/L	70.5	54.6	—	86.4	5.3
		mg/dL	4.15	3.22	—	5.09	0.31		mg/dL	4.12	3.19	—	5.05	0.31
<b>Bil-T (VOX)</b>	BS-120 <sup>1</sup>	μmol/L	64.4	49.9	—	78.9	4.8	BS-380 <sup>11</sup>	μmol/L	64.2	49.8	—	78.6	4.8
		mg/dL	3.77	2.92	—	4.61	0.28		mg/dL	3.75	2.91	—	4.60	0.28
	BS-180 <sup>2</sup>	μmol/L	64.4	49.9	—	78.9	4.8	BS-400 <sup>12</sup>	μmol/L	64.2	49.8	—	78.6	4.8
		mg/dL	3.77	2.92	—	4.61	0.28		mg/dL	3.75	2.91	—	4.60	0.28
	BS-200 <sup>3</sup>	μmol/L	64.4	49.9	—	78.9	4.8	BS-430 <sup>13</sup>	μmol/L	64.3	49.8	—	78.8	4.8
		mg/dL	3.77	2.92	—	4.61	0.28		mg/dL	3.76	2.91	—	4.61	0.28
	BS-200E <sup>4</sup>	μmol/L	64.2	49.8	—	78.6	4.8	BS-480 <sup>14</sup>	μmol/L	64.3	49.8	—	78.8	4.8
		mg/dL	3.75	2.91	—	4.60	0.28		mg/dL	3.76	2.91	—	4.61	0.28
	BS-230 <sup>5</sup>	μmol/L	63.6	49.3	—	77.9	4.8	BS-600 <sup>15</sup>	μmol/L	64.3	49.8	—	78.8	4.8
		mg/dL	3.72	2.88	—	4.56	0.28		mg/dL	3.76	2.91	—	4.61	0.28
	BS-240E <sup>6</sup>	μmol/L	64.3	49.8	—	78.8	4.8	BS-600M <sup>16</sup>	μmol/L	63.7	49.4	—	78.0	4.8
		mg/dL	3.76	2.91	—	4.61	0.28		mg/dL	3.73	2.89	—	4.56	0.28
	BS-300 <sup>7</sup>	μmol/L	64.2	49.8	—	78.6	4.8	BS-620M <sup>17</sup>	μmol/L	63.7	49.4	—	78.0	4.8
		mg/dL	3.75	2.91	—	4.60	0.28		mg/dL	3.73	2.89	—	4.56	0.28
	BS-330 <sup>8</sup>	μmol/L	64.4	49.9	—	78.9	4.8	BS-800 <sup>18</sup>	μmol/L	64.3	49.8	—	78.8	4.8
		mg/dL	3.77	2.92	—	4.61	0.28		mg/dL	3.76	2.91	—	4.61	0.28
	BS-330E <sup>9</sup>	μmol/L	64.2	49.8	—	78.6	4.8	BS-2000 <sup>19</sup>	μmol/L	64.2	49.8	—	78.6	4.8
		mg/dL	3.75	2.91	—	4.60	0.28		mg/dL	3.75	2.91	—	4.60	0.28
	BS-360E <sup>10</sup>	μmol/L	64.3	49.8	—	78.8	4.8	BS-2800M <sup>20</sup>	μmol/L	63.7	49.4	—	78.0	4.8
		mg/dL	3.76	2.91	—	4.61	0.28		mg/dL	3.73	2.89	—	4.56	0.28

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>Ca</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	3.18	2.82	—	3.54	0.12	<b>BS-380</b> <sup>11</sup>	mmol/L	3.44	3.05	—	3.83	0.13
		mg/dL	12.8	11.3	—	14.2	0.5		mg/dL	13.8	12.2	—	15.4	0.5
	<b>BS-180</b> <sup>2</sup>	mmol/L	3.18	2.82	—	3.54	0.12	<b>BS-400</b> <sup>12</sup>	mmol/L	3.42	3.03	—	3.81	0.13
		mg/dL	12.8	11.3	—	14.2	0.5		mg/dL	13.7	12.2	—	15.3	0.5
	<b>BS-200</b> <sup>3</sup>	mmol/L	3.26	2.89	—	3.63	0.12	<b>BS-430</b> <sup>13</sup>	mmol/L	3.37	2.99	—	3.75	0.13
		mg/dL	13.1	11.6	—	14.6	0.5		mg/dL	13.5	12.0	—	15.0	0.5
	<b>BS-200E</b> <sup>4</sup>	mmol/L	3.40	3.01	—	3.79	0.13	<b>BS-480</b> <sup>14</sup>	mmol/L	3.32	2.94	—	3.70	0.13
		mg/dL	13.6	12.1	—	15.2	0.5		mg/dL	13.3	11.8	—	14.8	0.5
	<b>BS-230</b> <sup>5</sup>	mmol/L	3.29	2.91	—	3.67	0.13	<b>BS-600</b> <sup>15</sup>	mmol/L	3.35	2.97	—	3.73	0.13
		mg/dL	13.2	11.7	—	14.7	0.5		mg/dL	13.4	11.9	—	15.0	0.5
	<b>BS-240E</b> <sup>6</sup>	mmol/L	3.25	2.88	—	3.62	0.12	<b>BS-600M</b> <sup>16</sup>	mmol/L	3.32	2.94	—	3.70	0.13
		mg/dL	13.0	11.5	—	14.5	0.5		mg/dL	13.3	11.8	—	14.8	0.5
	<b>BS-300</b> <sup>7</sup>	mmol/L	3.30	2.92	—	3.68	0.13	<b>BS-620M</b> <sup>17</sup>	mmol/L	3.32	2.94	—	3.70	0.13
		mg/dL	13.2	11.7	—	14.8	0.5		mg/dL	13.3	11.8	—	14.8	0.5
	<b>BS-330</b> <sup>8</sup>	mmol/L	3.26	2.89	—	3.63	0.12	<b>BS-800</b> <sup>18</sup>	mmol/L	3.35	2.97	—	3.73	0.13
		mg/dL	13.1	11.6	—	14.6	0.5		mg/dL	13.4	11.9	—	15.0	0.5
	<b>BS-330E</b> <sup>9</sup>	mmol/L	3.40	3.01	—	3.79	0.13	<b>BS-2000</b> <sup>19</sup>	mmol/L	3.36	2.98	—	3.74	0.13
		mg/dL	13.6	12.1	—	15.2	0.5		mg/dL	13.5	11.9	—	15.0	0.5
	<b>BS-360E</b> <sup>10</sup>	mmol/L	3.26	2.89	—	3.63	0.12	<b>BS-2800M</b> <sup>20</sup>	mmol/L	3.31	2.93	—	3.69	0.13
		mg/dL	13.1	11.6	—	14.6	0.5		mg/dL	13.3	11.7	—	14.8	0.5
<b>TC</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	4.44	3.84	—	5.04	0.20	<b>BS-380</b> <sup>11</sup>	mmol/L	4.42	3.82	—	5.02	0.20
		mg/dL	172	148	—	195	8		mg/dL	171	148	—	194	8
	<b>BS-180</b> <sup>2</sup>	mmol/L	4.44	3.84	—	5.04	0.20	<b>BS-400</b> <sup>12</sup>	mmol/L	4.42	3.82	—	5.02	0.20
		mg/dL	172	148	—	195	8		mg/dL	171	148	—	194	8
	<b>BS-200</b> <sup>3</sup>	mmol/L	4.37	3.78	—	4.96	0.20	<b>BS-430</b> <sup>13</sup>	mmol/L	4.30	3.72	—	4.88	0.19
		mg/dL	169	146	—	192	8		mg/dL	166	144	—	189	7
	<b>BS-200E</b> <sup>4</sup>	mmol/L	4.42	3.82	—	5.02	0.20	<b>BS-480</b> <sup>14</sup>	mmol/L	4.30	3.72	—	4.88	0.19
		mg/dL	171	148	—	194	8		mg/dL	166	144	—	189	7
	<b>BS-230</b> <sup>5</sup>	mmol/L	4.47	3.87	—	5.07	0.20	<b>BS-600</b> <sup>15</sup>	mmol/L	4.30	3.72	—	4.88	0.19
		mg/dL	173	150	—	196	8		mg/dL	166	144	—	189	7
	<b>BS-240E</b> <sup>6</sup>	mmol/L	4.42	3.82	—	5.02	0.20	<b>BS-600M</b> <sup>16</sup>	mmol/L	4.44	3.84	—	5.04	0.20
		mg/dL	171	148	—	194	8		mg/dL	172	148	—	195	8
	<b>BS-300</b> <sup>7</sup>	mmol/L	4.41	3.81	—	5.01	0.20	<b>BS-620M</b> <sup>17</sup>	mmol/L	4.44	3.84	—	5.04	0.20
		mg/dL	170	147	—	194	8		mg/dL	172	148	—	195	8
	<b>BS-330</b> <sup>8</sup>	mmol/L	4.37	3.78	—	4.96	0.20	<b>BS-800</b> <sup>18</sup>	mmol/L	4.30	3.72	—	4.88	0.19
		mg/dL	169	146	—	192	8		mg/dL	166	144	—	189	7
	<b>BS-330E</b> <sup>9</sup>	mmol/L	4.42	3.82	—	5.02	0.20	<b>BS-2000</b> <sup>19</sup>	mmol/L	4.41	3.81	—	5.01	0.20
		mg/dL	171	148	—	194	8		mg/dL	170	147	—	194	8
	<b>BS-360E</b> <sup>10</sup>	mmol/L	4.35	3.76	—	4.94	0.20	<b>BS-2800M</b> <sup>20</sup>	mmol/L	4.44	3.84	—	5.04	0.20
		mg/dL	168	145	—	191	8		mg/dL	172	148	—	195	8
<b>HDL-C</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	1.57	1.22	—	1.92	0.12	<b>BS-380</b> <sup>11</sup>	mmol/L	1.55	1.20	—	1.90	0.12
		mg/dL	60.7	47.2	—	74.2	4.6		mg/dL	59.9	46.4	—	73.5	4.6
	<b>BS-180</b> <sup>2</sup>	mmol/L	1.57	1.22	—	1.92	0.12	<b>BS-400</b> <sup>12</sup>	mmol/L	1.60	1.24	—	1.96	0.12
		mg/dL	60.7	47.2	—	74.2	4.6		mg/dL	61.9	47.9	—	75.8	4.6
	<b>BS-200</b> <sup>3</sup>	mmol/L	1.53	1.19	—	1.87	0.11	<b>BS-430</b> <sup>13</sup>	mmol/L	1.55	1.20	—	1.90	0.12
		mg/dL	59.1	46.0	—	72.3	4.3		mg/dL	59.9	46.4	—	73.5	4.6
	<b>BS-200E</b> <sup>4</sup>	mmol/L	1.48	1.15	—	1.81	0.11	<b>BS-480</b> <sup>14</sup>	mmol/L	1.56	1.21	—	1.91	0.12
		mg/dL	57.2	44.5	—	70.0	4.3		mg/dL	60.3	46.8	—	73.8	4.6
	<b>BS-230</b> <sup>5</sup>	mmol/L	1.55	1.20	—	1.90	0.12	<b>BS-600</b> <sup>15</sup>	mmol/L	1.57	1.22	—	1.92	0.12
		mg/dL	59.9	46.4	—	73.5	4.6		mg/dL	60.7	47.2	—	74.2	4.6
	<b>BS-240E</b> <sup>6</sup>	mmol/L	1.49	1.15	—	1.83	0.11	<b>BS-600M</b> <sup>16</sup>	mmol/L	1.53	1.19	—	1.87	0.11
		mg/dL	57.6	44.5	—	70.7	4.3		mg/dL	59.1	46.0	—	72.3	4.3
	<b>BS-300</b> <sup>7</sup>	mmol/L	1.56	1.21	—	1.91	0.12	<b>BS-620M</b> <sup>17</sup>	mmol/L	1.53	1.19	—	1.87	0.11
		mg/dL	60.3	46.8	—	73.8	4.6		mg/dL	59.1	46.0	—	72.3	4.3
	<b>BS-330</b> <sup>8</sup>	mmol/L	1.53	1.19	—	1.87	0.11	<b>BS-800</b> <sup>18</sup>	mmol/L	1.55	1.20	—	1.90	0.12
		mg/dL	59.1	46.0	—	72.3	4.3		mg/dL	59.9	46.4	—	73.5	4.6
	<b>BS-330E</b> <sup>9</sup>	mmol/L	1.48	1.15	—	1.81	0.11	<b>BS-2000</b> <sup>19</sup>	mmol/L	1.53	1.19	—	1.87	0.11
		mg/dL	57.2	44.5	—	70.0	4.3		mg/dL	59.1	46.0	—	72.3	4.3
	<b>BS-360E</b> <sup>10</sup>	mmol/L	1.51	1.17	—	1.85	0.11	<b>BS-2800M</b> <sup>20</sup>	mmol/L	1.52	1.18	—	1.86	0.11
		mg/dL	58.4	45.2	—	71.5	4.3		mg/dL	58.8	45.6	—	71.9	4.3

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
LDL-C	BS-120 <sup>1</sup>	mmol/L	2.51	1.95	—	3.07	0.19	BS-380 <sup>11</sup>	mmol/L	2.62	2.03	—	3.21	0.20
		mg/dL	97.0	75.4	—	118.7	7.3		mg/dL	101	78	—	124	8
	BS-180 <sup>2</sup>	mmol/L	2.51	1.95	—	3.07	0.19	BS-400 <sup>12</sup>	mmol/L	2.61	2.02	—	3.20	0.20
		mg/dL	97.0	75.4	—	118.7	7.3		mg/dL	101	78	—	124	8
	BS-200 <sup>3</sup>	mmol/L	2.60	2.02	—	3.19	0.20	BS-430 <sup>13</sup>	mmol/L	2.60	2.02	—	3.19	0.20
		mg/dL	101	78	—	123	8		mg/dL	101	78	—	123	8
	BS-200E <sup>4</sup>	mmol/L	2.59	2.01	—	3.17	0.19	BS-480 <sup>14</sup>	mmol/L	2.67	2.07	—	3.27	0.20
		mg/dL	100	78	—	123	7		mg/dL	103	80	—	126	8
	BS-230 <sup>5</sup>	mmol/L	2.51	1.95	—	3.07	0.19	BS-600 <sup>15</sup>	mmol/L	2.59	2.01	—	3.17	0.19
		mg/dL	97.0	75.4	—	118.7	7.3		mg/dL	100	78	—	123	7
	BS-240E <sup>6</sup>	mmol/L	2.60	2.02	—	3.19	0.20	BS-600M <sup>16</sup>	mmol/L	2.62	2.03	—	3.21	0.20
		mg/dL	101	78	—	123	8		mg/dL	101	78	—	124	8
	BS-300 <sup>7</sup>	mmol/L	2.66	2.06	—	3.26	0.20	BS-620M <sup>17</sup>	mmol/L	2.62	2.03	—	3.21	0.20
		mg/dL	103	80	—	126	8		mg/dL	101	78	—	124	8
	BS-330 <sup>8</sup>	mmol/L	2.60	2.02	—	3.19	0.20	BS-800 <sup>18</sup>	mmol/L	2.57	1.99	—	3.15	0.19
		mg/dL	101	78	—	123	8		mg/dL	99.4	76.9	—	121.8	7.3
	BS-330E <sup>9</sup>	mmol/L	2.59	2.01	—	3.17	0.19	BS-2000 <sup>19</sup>	mmol/L	2.64	2.05	—	3.23	0.20
		mg/dL	100	78	—	123	7		mg/dL	102	79	—	125	8
	BS-360E <sup>10</sup>	mmol/L	2.57	1.99	—	3.15	0.19	BS-2800M <sup>20</sup>	mmol/L	2.62	2.03	—	3.21	0.20
		mg/dL	99.4	76.9	—	121.8	7.3		mg/dL	101	78	—	124	8
CK	BS-120 <sup>1</sup>	U/L	256	218	—	294	13	BS-380 <sup>11</sup>	U/L	261	222	—	300	13
		μkat/L	4.28	3.64	—	4.91	0.22		μkat/L	4.36	3.71	—	5.01	0.22
	BS-180 <sup>2</sup>	U/L	256	218	—	294	13	BS-400 <sup>12</sup>	U/L	261	222	—	300	13
		μkat/L	4.28	3.64	—	4.91	0.22		μkat/L	4.36	3.71	—	5.01	0.22
	BS-200 <sup>3</sup>	U/L	256	218	—	294	13	BS-430 <sup>13</sup>	U/L	259	220	—	298	13
		μkat/L	4.28	3.64	—	4.91	0.22		μkat/L	4.33	3.67	—	4.98	0.22
	BS-200E <sup>4</sup>	U/L	250	213	—	288	13	BS-480 <sup>14</sup>	U/L	259	220	—	298	13
		μkat/L	4.18	3.56	—	4.81	0.22		μkat/L	4.33	3.67	—	4.98	0.22
	BS-230 <sup>5</sup>	U/L	261	222	—	300	13	BS-600 <sup>15</sup>	U/L	261	222	—	300	13
		μkat/L	4.36	3.71	—	5.01	0.22		μkat/L	4.36	3.71	—	5.01	0.22
	BS-240E <sup>6</sup>	U/L	259	220	—	298	13	BS-600M <sup>16</sup>	U/L	261	222	—	300	13
		μkat/L	4.33	3.67	—	4.98	0.22		μkat/L	4.36	3.71	—	5.01	0.22
	BS-300 <sup>7</sup>	U/L	261	222	—	300	13	BS-620M <sup>17</sup>	U/L	261	222	—	300	13
		μkat/L	4.36	3.71	—	5.01	0.22		μkat/L	4.36	3.71	—	5.01	0.22
	BS-330 <sup>8</sup>	U/L	256	218	—	294	13	BS-800 <sup>18</sup>	U/L	259	220	—	298	13
		μkat/L	4.28	3.64	—	4.91	0.22		μkat/L	4.33	3.67	—	4.98	0.22
	BS-330E <sup>9</sup>	U/L	250	213	—	288	13	BS-2000 <sup>19</sup>	U/L	259	220	—	298	13
		μkat/L	4.18	3.56	—	4.81	0.22		μkat/L	4.33	3.67	—	4.98	0.22
	BS-360E <sup>10</sup>	U/L	259	220	—	298	13	BS-2800M <sup>20</sup>	U/L	261	222	—	300	13
		μkat/L	4.33	3.67	—	4.98	0.22		μkat/L	4.36	3.71	—	5.01	0.22
CK-MB	BS-120 <sup>1</sup>	U/L	97.9	75.9	—	119.9	7.3	BS-380 <sup>11</sup>	U/L	100	78	—	123	8
		μkat/L	1.63	1.27	—	2.00	0.12		μkat/L	1.67	1.30	—	2.05	0.13
	BS-180 <sup>2</sup>	U/L	97.9	75.9	—	119.9	7.3	BS-400 <sup>12</sup>	U/L	97.9	75.9	—	119.9	7.3
		μkat/L	1.63	1.27	—	2.00	0.12		μkat/L	1.63	1.27	—	2.00	0.12
	BS-200 <sup>3</sup>	U/L	95.5	74.0	—	117.0	7.2	BS-430 <sup>13</sup>	U/L	98.0	76.0	—	120.1	7.4
		μkat/L	1.59	1.24	—	1.95	0.12		μkat/L	1.64	1.27	—	2.01	0.12
	BS-200E <sup>4</sup>	U/L	96.8	75.0	—	118.6	7.3	BS-480 <sup>14</sup>	U/L	97.5	75.6	—	119.4	7.3
		μkat/L	1.62	1.25	—	1.98	0.12		μkat/L	1.63	1.26	—	1.99	0.12
	BS-230 <sup>5</sup>	U/L	97.5	75.6	—	119.4	7.3	BS-600 <sup>15</sup>	U/L	97.1	75.3	—	118.9	7.3
		μkat/L	1.63	1.26	—	1.99	0.12		μkat/L	1.62	1.26	—	1.99	0.12
	BS-240E <sup>6</sup>	U/L	96.7	74.9	—	118.5	7.3	BS-600M <sup>16</sup>	U/L	100	78	—	123	8
		μkat/L	1.61	1.25	—	1.98	0.12		μkat/L	1.67	1.30	—	2.05	0.13
	BS-300 <sup>7</sup>	U/L	98.2	76.1	—	120.3	7.4	BS-620M <sup>17</sup>	U/L	100	78	—	123	8
		μkat/L	1.64	1.27	—	2.01	0.12		μkat/L	1.67	1.30	—	2.05	0.13
	BS-330 <sup>8</sup>	U/L	95.5	74.0	—	117.0	7.2	BS-800 <sup>18</sup>	U/L	97.1	75.3	—	118.9	7.3
		μkat/L	1.59	1.24	—	1.95	0.12		μkat/L	1.62	1.26	—	1.99	0.12
	BS-330E <sup>9</sup>	U/L	96.8	75.0	—	118.6	7.3	BS-2000 <sup>19</sup>	U/L	94.5	73.2	—	115.8	7.1
		μkat/L	1.62	1.25	—	1.98	0.12		μkat/L	1.58	1.22	—	1.93	0.12
	BS-360E <sup>10</sup>	U/L	97.1	75.3	—	118.9	7.3	BS-2800M <sup>20</sup>	U/L	98.1	76.0	—	120.2	7.4
		μkat/L	1.62	1.26	—	1.99	0.12		μkat/L	1.64	1.27	—	2.01	0.12

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>Crea (SOX)</b> Note: This reference value is only applicable to 141121019 and subsequent batch reagents	BS-120 <sup>1</sup>	μmol/L	374	318	—	430	19	BS-380 <sup>11</sup>	μmol/L	376	320	—	432	19
		mg/dL	4.23	3.60	—	4.86	0.21		mg/dL	4.25	3.62	—	4.89	0.21
	BS-180 <sup>2</sup>	μmol/L	374	318	—	430	19	BS-400 <sup>12</sup>	μmol/L	381	324	—	438	19
		mg/dL	4.23	3.60	—	4.86	0.21		mg/dL	4.31	3.67	—	4.95	0.21
	BS-200 <sup>3</sup>	μmol/L	369	314	—	424	18	BS-430 <sup>13</sup>	μmol/L	380	323	—	437	19
		mg/dL	4.17	3.55	—	4.80	0.20		mg/dL	4.30	3.65	—	4.94	0.21
	BS-200E <sup>4</sup>	μmol/L	379	322	—	436	19	BS-480 <sup>14</sup>	μmol/L	378	321	—	435	19
		mg/dL	4.29	3.64	—	4.93	0.21		mg/dL	4.28	3.63	—	4.92	0.21
	BS-230 <sup>5</sup>	μmol/L	376	320	—	432	19	BS-600 <sup>15</sup>	μmol/L	384	326	—	442	19
		mg/dL	4.25	3.62	—	4.89	0.21		mg/dL	4.34	3.69	—	5.00	0.21
	BS-240E <sup>6</sup>	μmol/L	379	322	—	436	19	BS-600M <sup>16</sup>	μmol/L	383	326	—	440	19
		mg/dL	4.29	3.64	—	4.93	0.21		mg/dL	4.33	3.69	—	4.98	0.21
	BS-300 <sup>7</sup>	μmol/L	366	311	—	421	18	BS-620M <sup>17</sup>	μmol/L	318	270	—	366	16
		mg/dL	4.14	3.52	—	4.76	0.20		mg/dL	3.60	3.05	—	4.14	0.18
	BS-330 <sup>8</sup>	μmol/L	369	314	—	424	18	BS-800 <sup>18</sup>	μmol/L	320	272	—	368	16
		mg/dL	4.17	3.55	—	4.80	0.20		mg/dL	3.62	3.08	—	4.16	0.18
	BS-330E <sup>9</sup>	μmol/L	379	322	—	436	19	BS-2000 <sup>19</sup>	μmol/L	315	268	—	362	16
		mg/dL	4.29	3.64	—	4.93	0.21		mg/dL	3.56	3.03	—	4.10	0.18
	BS-360E <sup>10</sup>	μmol/L	377	320	—	434	19	BS-2800M <sup>20</sup>	μmol/L	318	270	—	366	16
		mg/dL	4.26	3.62	—	4.91	0.21		mg/dL	3.60	3.05	—	4.14	0.18
<b>Crea (SOX)</b> Note: This reference value is only applicable to 141121018 and before batch reagents	BS-120 <sup>1</sup>	μmol/L	386	328	—	444	19	BS-380 <sup>11</sup>	μmol/L	381	324	—	438	19
		mg/dL	4.37	3.71	—	5.02	0.21		mg/dL	4.31	3.67	—	4.95	0.21
	BS-180 <sup>2</sup>	μmol/L	386	328	—	444	19	BS-400 <sup>12</sup>	μmol/L	381	324	—	438	19
		mg/dL	4.37	3.71	—	5.02	0.21		mg/dL	4.31	3.67	—	4.95	0.21
	BS-200 <sup>3</sup>	μmol/L	383	326	—	440	19	BS-430 <sup>13</sup>	μmol/L	388	330	—	446	19
		mg/dL	4.33	3.69	—	4.98	0.21		mg/dL	4.39	3.73	—	5.05	0.21
	BS-200E <sup>4</sup>	μmol/L	387	329	—	445	19	BS-480 <sup>14</sup>	μmol/L	384	326	—	442	19
		mg/dL	4.38	3.72	—	5.03	0.21		mg/dL	4.34	3.69	—	5.00	0.21
	BS-230 <sup>5</sup>	μmol/L	388	330	—	446	19	BS-600 <sup>15</sup>	μmol/L	391	332	—	450	20
		mg/dL	4.39	3.73	—	5.05	0.21		mg/dL	4.42	3.76	—	5.09	0.23
	BS-240E <sup>6</sup>	μmol/L	384	326	—	442	19	BS-600M <sup>16</sup>	μmol/L	388	330	—	446	19
		mg/dL	4.34	3.69	—	5.00	0.21		mg/dL	4.39	3.73	—	5.05	0.21
	BS-300 <sup>7</sup>	μmol/L	382	325	—	439	19	BS-620M <sup>17</sup>	μmol/L	318	270	—	366	16
		mg/dL	4.32	3.68	—	4.97	0.21		mg/dL	3.60	3.05	—	4.14	0.18
	BS-330 <sup>8</sup>	μmol/L	383	326	—	440	19	BS-800 <sup>18</sup>	μmol/L	320	272	—	368	16
		mg/dL	4.33	3.69	—	4.98	0.21		mg/dL	3.62	3.08	—	4.16	0.18
	BS-330E <sup>9</sup>	μmol/L	387	329	—	445	19	BS-2000 <sup>19</sup>	μmol/L	315	268	—	362	16
		mg/dL	4.38	3.72	—	5.03	0.21		mg/dL	3.56	3.03	—	4.10	0.18
	BS-360E <sup>10</sup>	μmol/L	378	321	—	435	19	BS-2800M <sup>20</sup>	μmol/L	318	270	—	366	16
		mg/dL	4.28	3.63	—	4.92	0.21		mg/dL	3.60	3.05	—	4.14	0.18
<b>GLU (GOD)</b>	BS-120 <sup>1</sup>	mmol/L	12.8	10.9	—	14.7	0.6	BS-380 <sup>11</sup>	mmol/L	13.4	11.4	—	15.4	0.7
		mg/dL	231	196	—	265	11		mg/dL	241	205	—	277	13
	BS-180 <sup>2</sup>	mmol/L	12.8	10.9	—	14.7	0.6	BS-400 <sup>12</sup>	mmol/L	13.4	11.4	—	15.4	0.7
		mg/dL	231	196	—	265	11		mg/dL	241	205	—	277	13
	BS-200 <sup>3</sup>	mmol/L	13.1	11.1	—	15.1	0.7	BS-430 <sup>13</sup>	mmol/L	13.3	11.3	—	15.3	0.7
		mg/dL	236	200	—	272	13		mg/dL	240	204	—	276	13
	BS-200E <sup>4</sup>	mmol/L	13.2	11.2	—	15.2	0.7	BS-480 <sup>14</sup>	mmol/L	13.3	11.3	—	15.3	0.7
		mg/dL	238	202	—	274	13		mg/dL	240	204	—	276	13
	BS-230 <sup>5</sup>	mmol/L	13.3	11.3	—	15.3	0.7	BS-600 <sup>15</sup>	mmol/L	13.4	11.4	—	15.4	0.7
		mg/dL	240	204	—	276	13		mg/dL	241	205	—	277	13
	BS-240E <sup>6</sup>	mmol/L	13.3	11.3	—	15.3	0.7	BS-600M <sup>16</sup>	mmol/L	13.4	11.4	—	15.4	0.7
		mg/dL	240	204	—	276	13		mg/dL	241	205	—	277	13
	BS-300 <sup>7</sup>	mmol/L	13.5	11.5	—	15.5	0.7	BS-620M <sup>17</sup>	mmol/L	13.4	11.4	—	15.4	0.7
		mg/dL	243	207	—	279	13		mg/dL	241	205	—	277	13
	BS-330 <sup>8</sup>	mmol/L	13.1	11.1	—	15.1	0.7	BS-800 <sup>18</sup>	mmol/L	13.2	11.2	—	15.2	0.7
		mg/dL	236	200	—	272	13		mg/dL	238	202	—	274	13
	BS-330E <sup>9</sup>	mmol/L	13.2	11.2	—	15.2	0.7	BS-2000 <sup>19</sup>	mmol/L	13.2	11.2	—	15.2	0.7
		mg/dL	238	202	—	274	13		mg/dL	238	202	—	274	13
	BS-360E <sup>10</sup>	mmol/L	13.1	11.1	—	15.1	0.7	BS-2800M <sup>20</sup>	mmol/L	13.4	11.4	—	15.4	0.7
		mg/dL	236	200	—	272	13		mg/dL	241	205	—	277	13



Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>GLU (HK)</b>	BS-120 <sup>1</sup>	mmol/L	13.5	11.5	—	15.5	0.7	BS-380 <sup>11</sup>	mmol/L	13.6	11.6	—	15.6	0.7
		mg/dL	243	207	—	279	13		mg/dL	245	209	—	281	13
	BS-180 <sup>2</sup>	mmol/L	13.5	11.5	—	15.5	0.7	BS-400 <sup>12</sup>	mmol/L	13.6	11.6	—	15.6	0.7
		mg/dL	243	207	—	279	13		mg/dL	245	209	—	281	13
	BS-200 <sup>3</sup>	mmol/L	13.4	11.4	—	15.4	0.7	BS-430 <sup>13</sup>	mmol/L	13.5	11.5	—	15.5	0.7
		mg/dL	241	205	—	277	13		mg/dL	243	207	—	279	13
	BS-200E <sup>4</sup>	mmol/L	13.6	11.6	—	15.6	0.7	BS-480 <sup>14</sup>	mmol/L	13.3	11.3	—	15.3	0.7
		mg/dL	245	209	—	281	13		mg/dL	240	204	—	276	13
	BS-230 <sup>5</sup>	mmol/L	13.6	11.6	—	15.6	0.7	BS-600 <sup>15</sup>	mmol/L	13.4	11.4	—	15.4	0.7
		mg/dL	245	209	—	281	13		mg/dL	241	205	—	277	13
	BS-240E <sup>6</sup>	mmol/L	13.3	11.3	—	15.3	0.7	BS-600M <sup>16</sup>	mmol/L	13.3	11.3	—	15.3	0.7
		mg/dL	240	204	—	276	13		mg/dL	240	204	—	276	13
	BS-300 <sup>7</sup>	mmol/L	13.6	11.6	—	15.6	0.7	BS-620M <sup>17</sup>	mmol/L	13.3	11.3	—	15.3	0.7
		mg/dL	245	209	—	281	13		mg/dL	240	204	—	276	13
	BS-330 <sup>8</sup>	mmol/L	13.4	11.4	—	15.4	0.7	BS-800 <sup>18</sup>	mmol/L	13.5	11.5	—	15.5	0.7
		mg/dL	241	205	—	277	13		mg/dL	243	207	—	279	13
	BS-330E <sup>9</sup>	mmol/L	13.6	11.6	—	15.6	0.7	BS-2000 <sup>19</sup>	mmol/L	13.4	11.4	—	15.4	0.7
		mg/dL	245	209	—	281	13		mg/dL	241	205	—	277	13
	BS-360E <sup>10</sup>	mmol/L	13.0	11.1	—	15.0	0.7	BS-2800M <sup>20</sup>	mmol/L	13.7	11.6	—	15.8	0.7
		mg/dL	234	200	—	270	13		mg/dL	247	209	—	285	13
<b>GGT</b>	BS-120 <sup>1</sup>	U/L	236	201	—	271	12	BS-380 <sup>11</sup>	U/L	233	198	—	268	12
		μkat/L	3.94	3.36	—	4.53	0.20		μkat/L	3.89	3.31	—	4.48	0.20
	BS-180 <sup>2</sup>	U/L	236	201	—	271	12	BS-400 <sup>12</sup>	U/L	233	198	—	268	12
		μkat/L	3.94	3.36	—	4.53	0.20		μkat/L	3.89	3.31	—	4.48	0.20
	BS-200 <sup>3</sup>	U/L	236	201	—	271	12	BS-430 <sup>13</sup>	U/L	233	198	—	268	12
		μkat/L	3.94	3.36	—	4.53	0.20		μkat/L	3.89	3.31	—	4.48	0.20
	BS-200E <sup>4</sup>	U/L	234	199	—	269	12	BS-480 <sup>14</sup>	U/L	233	198	—	268	12
		μkat/L	3.91	3.32	—	4.49	0.20		μkat/L	3.89	3.31	—	4.48	0.20
	BS-230 <sup>5</sup>	U/L	234	199	—	269	12	BS-600 <sup>15</sup>	U/L	233	198	—	268	12
		μkat/L	3.91	3.32	—	4.49	0.20		μkat/L	3.89	3.31	—	4.48	0.20
	BS-240E <sup>6</sup>	U/L	233	198	—	268	12	BS-600M <sup>16</sup>	U/L	232	197	—	267	12
		μkat/L	3.89	3.31	—	4.48	0.20		μkat/L	3.87	3.29	—	4.46	0.20
	BS-300 <sup>7</sup>	U/L	233	198	—	268	12	BS-620M <sup>17</sup>	U/L	232	197	—	267	12
		μkat/L	3.89	3.31	—	4.48	0.20		μkat/L	3.87	3.29	—	4.46	0.20
	BS-330 <sup>8</sup>	U/L	236	201	—	271	12	BS-800 <sup>18</sup>	U/L	233	198	—	268	12
		μkat/L	3.94	3.36	—	4.53	0.20		μkat/L	3.89	3.31	—	4.48	0.20
	BS-330E <sup>9</sup>	U/L	234	199	—	269	12	BS-2000 <sup>19</sup>	U/L	232	197	—	267	12
		μkat/L	3.91	3.32	—	4.49	0.20		μkat/L	3.87	3.29	—	4.46	0.20
	BS-360E <sup>10</sup>	U/L	234	199	—	269	12	BS-2800M <sup>20</sup>	U/L	232	197	—	267	12
		μkat/L	3.91	3.32	—	4.49	0.20		μkat/L	3.87	3.29	—	4.46	0.20
<b>α-HBDH</b>	BS-120 <sup>1</sup>	U/L	304	258	—	350	15	BS-380 <sup>11</sup>	U/L	312	265	—	359	16
		μkat/L	5.08	4.31	—	5.85	0.25		μkat/L	5.21	4.43	—	6.00	0.27
	BS-180 <sup>2</sup>	U/L	304	258	—	350	15	BS-400 <sup>12</sup>	U/L	312	265	—	359	16
		μkat/L	5.08	4.31	—	5.85	0.25		μkat/L	5.21	4.43	—	6.00	0.27
	BS-200 <sup>3</sup>	U/L	306	260	—	352	15	BS-430 <sup>13</sup>	U/L	313	266	—	360	16
		μkat/L	5.11	4.34	—	5.88	0.25		μkat/L	5.23	4.44	—	6.01	0.27
	BS-200E <sup>4</sup>	U/L	312	265	—	359	16	BS-480 <sup>14</sup>	U/L	313	266	—	360	16
		μkat/L	5.21	4.43	—	6.00	0.27		μkat/L	5.23	4.44	—	6.01	0.27
	BS-230 <sup>5</sup>	U/L	313	266	—	360	16	BS-600 <sup>15</sup>	U/L	313	266	—	360	16
		μkat/L	5.23	4.44	—	6.01	0.27		μkat/L	5.23	4.44	—	6.01	0.27
	BS-240E <sup>6</sup>	U/L	313	266	—	360	16	BS-600M <sup>16</sup>	U/L	312	265	—	359	16
		μkat/L	5.23	4.44	—	6.01	0.27		μkat/L	5.21	4.43	—	6.00	0.27
	BS-300 <sup>7</sup>	U/L	312	265	—	359	16	BS-620M <sup>17</sup>	U/L	312	265	—	359	16
		μkat/L	5.21	4.43	—	6.00	0.27		μkat/L	5.21	4.43	—	6.00	0.27
	BS-330 <sup>8</sup>	U/L	306	260	—	352	15	BS-800 <sup>18</sup>	U/L	313	266	—	360	16
		μkat/L	5.11	4.34	—	5.88	0.25		μkat/L	5.23	4.44	—	6.01	0.27
	BS-330E <sup>9</sup>	U/L	312	265	—	359	16	BS-2000 <sup>19</sup>	U/L	310	264	—	357	16
		μkat/L	5.21	4.43	—	6.00	0.27		μkat/L	5.18	4.41	—	5.96	0.27
	BS-360E <sup>10</sup>	U/L	313	266	—	360	16	BS-2800M <sup>20</sup>	U/L	312	265	—	359	16
		μkat/L	5.23	4.44	—	6.01	0.27		μkat/L	5.21	4.43	—	6.00	0.27

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>ApoA1</b>	BS-120 <sup>1</sup>	g/L	1.77	1.37	—	2.17	0.13	BS-380 <sup>11</sup>	g/L	1.71	1.33	—	2.09	0.13
		μmol/L	63.2	48.9	—	77.5	4.6		μmol/L	61.0	47.5	—	74.6	4.6
	BS-180 <sup>2</sup>	g/L	1.77	1.37	—	2.17	0.13	BS-400 <sup>12</sup>	g/L	1.81	1.40	—	2.22	0.14
		μmol/L	63.2	48.9	—	77.5	4.6		μmol/L	64.6	50.0	—	79.3	5.0
	BS-200 <sup>3</sup>	g/L	1.84	1.43	—	2.25	0.14	BS-430 <sup>13</sup>	g/L	1.79	1.39	—	2.19	0.13
		μmol/L	65.7	51.1	—	80.3	5.0		μmol/L	63.9	49.6	—	78.2	4.6
	BS-200E <sup>4</sup>	g/L	1.85	1.43	—	2.27	0.14	BS-480 <sup>14</sup>	g/L	1.80	1.40	—	2.21	0.14
		μmol/L	66.0	51.1	—	81.0	5.0		μmol/L	64.3	50.0	—	78.9	5.0
	BS-230 <sup>5</sup>	g/L	1.71	1.33	—	2.09	0.13	BS-600 <sup>15</sup>	g/L	1.83	1.42	—	2.24	0.14
		μmol/L	61.0	47.5	—	74.6	4.6		μmol/L	65.3	50.7	—	80.0	5.0
	BS-240E <sup>6</sup>	g/L	1.81	1.40	—	2.22	0.14	BS-600M <sup>16</sup>	g/L	1.75	1.36	—	2.14	0.13
		μmol/L	64.6	50.0	—	79.3	5.0		μmol/L	62.5	48.6	—	76.4	4.6
	BS-300 <sup>7</sup>	g/L	1.79	1.39	—	2.19	0.13	BS-620M <sup>17</sup>	g/L	1.75	1.36	—	2.14	0.13
		μmol/L	63.9	49.6	—	78.2	4.6		μmol/L	62.5	48.6	—	76.4	4.6
	BS-330 <sup>8</sup>	g/L	1.84	1.43	—	2.25	0.14	BS-800 <sup>18</sup>	g/L	1.72	1.33	—	2.11	0.13
		μmol/L	65.7	51.1	—	80.3	5.0		μmol/L	61.4	47.5	—	75.3	4.6
	BS-330E <sup>9</sup>	g/L	1.85	1.43	—	2.27	0.14	BS-2000 <sup>19</sup>	g/L	1.72	1.33	—	2.11	0.13
		μmol/L	66.0	51.1	—	81.0	5.0		μmol/L	61.4	47.5	—	75.3	4.6
	BS-360E <sup>10</sup>	g/L	1.81	1.40	—	2.22	0.14	BS-2800M <sup>20</sup>	g/L	1.75	1.36	—	2.14	0.13
		μmol/L	64.6	50.0	—	79.3	5.0		μmol/L	62.5	48.6	—	76.4	4.6
<b>ApoB</b> Note: This reference value is only applicable to 141922002 and subsequent batch ApoB reagents	BS-120 <sup>1</sup>	g/L	0.776	0.601	—	0.951	0.058	BS-380 <sup>11</sup>	g/L	0.774	0.600	—	0.948	0.058
		μmol/L	1.51	1.17	—	1.85	0.11		μmol/L	1.51	1.17	—	1.85	0.11
	BS-180 <sup>2</sup>	g/L	0.776	0.601	—	0.951	0.058	BS-400 <sup>12</sup>	g/L	0.768	0.595	—	0.941	0.058
		μmol/L	1.51	1.17	—	1.85	0.11		μmol/L	1.50	1.16	—	1.83	0.11
	BS-200 <sup>3</sup>	g/L	0.766	0.594	—	0.938	0.057	BS-430 <sup>13</sup>	g/L	0.791	0.613	—	0.969	0.059
		μmol/L	1.49	1.16	—	1.83	0.11		μmol/L	1.54	1.20	—	1.89	0.12
	BS-200E <sup>4</sup>	g/L	0.743	0.576	—	0.910	0.056	BS-480 <sup>14</sup>	g/L	0.778	0.603	—	0.953	0.058
		μmol/L	1.45	1.12	—	1.77	0.11		μmol/L	1.52	1.18	—	1.86	0.11
	BS-230 <sup>5</sup>	g/L	0.742	0.575	—	0.909	0.056	BS-600 <sup>15</sup>	g/L	0.779	0.604	—	0.954	0.058
		μmol/L	1.45	1.12	—	1.77	0.11		μmol/L	1.52	1.18	—	1.86	0.11
	BS-240E <sup>6</sup>	g/L	0.749	0.580	—	0.918	0.056	BS-600M <sup>16</sup>	g/L	0.756	0.586	—	0.926	0.057
		μmol/L	1.46	1.13	—	1.79	0.11		μmol/L	1.47	1.14	—	1.81	0.11
	BS-300 <sup>7</sup>	g/L	0.751	0.582	—	0.920	0.056	BS-620M <sup>17</sup>	g/L	0.756	0.586	—	0.926	0.057
		μmol/L	1.46	1.13	—	1.79	0.11		μmol/L	1.47	1.14	—	1.81	0.11
	BS-330 <sup>8</sup>	g/L	0.766	0.594	—	0.938	0.057	BS-800 <sup>18</sup>	g/L	0.751	0.582	—	0.920	0.056
		μmol/L	1.49	1.16	—	1.83	0.11		μmol/L	1.46	1.13	—	1.79	0.11
	BS-330E <sup>9</sup>	g/L	0.743	0.576	—	0.910	0.056	BS-2000 <sup>19</sup>	g/L	0.749	0.580	—	0.918	0.056
		μmol/L	1.45	1.12	—	1.77	0.11		μmol/L	1.46	1.13	—	1.79	0.11
	BS-360E <sup>10</sup>	g/L	0.794	0.615	—	0.973	0.060	BS-2800M <sup>20</sup>	g/L	0.756	0.586	—	0.926	0.057
		μmol/L	1.55	1.20	—	1.90	0.12		μmol/L	1.47	1.14	—	1.81	0.11
<b>ApoB</b> Note: This reference value is only applicable to 141922001 and before batch ApoB reagents	BS-120 <sup>1</sup>	g/L	0.823	0.638	—	1.008	0.062	BS-380 <sup>11</sup>	g/L	0.832	0.645	—	1.019	0.062
		μmol/L	1.60	1.24	—	1.97	0.12		μmol/L	1.62	1.26	—	1.99	0.12
	BS-180 <sup>2</sup>	g/L	0.823	0.638	—	1.008	0.062	BS-400 <sup>12</sup>	g/L	0.825	0.639	—	1.011	0.062
		μmol/L	1.60	1.24	—	1.97	0.12		μmol/L	1.61	1.25	—	1.97	0.12
	BS-200 <sup>3</sup>	g/L	0.818	0.634	—	1.002	0.061	BS-430 <sup>13</sup>	g/L	0.862	0.668	—	1.056	0.065
		μmol/L	1.60	1.24	—	1.95	0.12		μmol/L	1.68	1.30	—	2.06	0.13
	BS-200E <sup>4</sup>	g/L	0.851	0.660	—	1.042	0.064	BS-480 <sup>14</sup>	g/L	0.820	0.636	—	1.005	0.062
		μmol/L	1.66	1.29	—	2.03	0.12		μmol/L	1.60	1.24	—	1.96	0.12
	BS-230 <sup>5</sup>	g/L	0.817	0.633	—	1.001	0.061	BS-600 <sup>15</sup>	g/L	0.833	0.646	—	1.020	0.062
		μmol/L	1.59	1.23	—	1.95	0.12		μmol/L	1.62	1.26	—	1.99	0.12
	BS-240E <sup>6</sup>	g/L	0.802	0.622	—	0.982	0.060	BS-600M <sup>16</sup>	g/L	0.836	0.648	—	1.024	0.063
		μmol/L	1.56	1.21	—	1.91	0.12		μmol/L	1.63	1.26	—	2.00	0.12
	BS-300 <sup>7</sup>	g/L	0.829	0.642	—	1.016	0.062	BS-620M <sup>17</sup>	g/L	0.836	0.648	—	1.024	0.063
		μmol/L	1.62	1.25	—	1.98	0.12		μmol/L	1.63	1.26	—	2.00	0.12
	BS-330 <sup>8</sup>	g/L	0.818	0.634	—	1.002	0.061	BS-800 <sup>18</sup>	g/L	0.861	0.667	—	1.055	0.065
		μmol/L	1.60	1.24	—	1.95	0.12		μmol/L	1.68	1.30	—	2.06	0.13
	BS-330E <sup>9</sup>	g/L	0.851	0.660	—	1.042	0.064	BS-2000 <sup>19</sup>	g/L	0.830	0.643	—	1.017	0.062
		μmol/L	1.66	1.29	—	2.03	0.12		μmol/L	1.62	1.25	—	1.98	0.12
	BS-360E <sup>10</sup>	g/L	0.825	0.639	—	1.011	0.062	BS-2800M <sup>20</sup>	g/L	0.836	0.648	—	1.024	0.063
		μmol/L	1.61	1.25	—	1.97	0.12		μmol/L	1.63	1.26	—	2.00	0.12

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
C3	BS-120 <sup>1</sup>	g/L	1.37	1.09	—	1.65	0.09	BS-380 <sup>11</sup>	g/L	1.48	1.18	—	1.78	0.10
	BS-180 <sup>2</sup>	g/L	1.37	1.09	—	1.65	0.09	BS-400 <sup>12</sup>	g/L	1.48	1.18	—	1.78	0.10
	BS-200 <sup>3</sup>	g/L	1.51	1.20	—	1.82	0.10	BS-430 <sup>13</sup>	g/L	1.47	1.17	—	1.77	0.10
	BS-200E <sup>4</sup>	g/L	1.53	1.22	—	1.84	0.10	BS-480 <sup>14</sup>	g/L	1.41	1.12	—	1.70	0.10
	BS-230 <sup>5</sup>	g/L	1.36	1.08	—	1.64	0.09	BS-600 <sup>15</sup>	g/L	1.45	1.16	—	1.74	0.10
	BS-240E <sup>6</sup>	g/L	1.56	1.24	—	1.88	0.11	BS-600M <sup>16</sup>	g/L	1.48	1.18	—	1.78	0.10
	BS-300 <sup>7</sup>	g/L	1.47	1.17	—	1.77	0.10	BS-620M <sup>17</sup>	g/L	1.48	1.18	—	1.78	0.10
	BS-330 <sup>8</sup>	g/L	1.51	1.20	—	1.82	0.10	BS-800 <sup>18</sup>	g/L	1.46	1.16	—	1.76	0.10
	BS-330E <sup>9</sup>	g/L	1.53	1.22	—	1.84	0.10	BS-2000 <sup>19</sup>	g/L	1.45	1.16	—	1.74	0.10
	BS-360E <sup>10</sup>	g/L	1.49	1.19	—	1.79	0.10	BS-2800M <sup>20</sup>	g/L	1.47	1.17	—	1.77	0.10
C4	BS-120 <sup>1</sup>	g/L	0.261	0.208	—	0.314	0.018	BS-380 <sup>11</sup>	g/L	0.252	0.201	—	0.303	0.017
		μmol/L	1.31	1.04	—	1.57	0.09		μmol/L	1.26	1.01	—	1.52	0.09
	BS-180 <sup>2</sup>	g/L	0.261	0.208	—	0.314	0.018	BS-400 <sup>12</sup>	g/L	0.257	0.205	—	0.309	0.017
		μmol/L	1.31	1.04	—	1.57	0.09		μmol/L	1.29	1.03	—	1.55	0.09
	BS-200 <sup>3</sup>	g/L	0.254	0.203	—	0.305	0.017	BS-430 <sup>13</sup>	g/L	0.262	0.209	—	0.315	0.018
		μmol/L	1.27	1.02	—	1.53	0.09		μmol/L	1.31	1.05	—	1.58	0.09
	BS-200E <sup>4</sup>	g/L	0.254	0.203	—	0.305	0.017	BS-480 <sup>14</sup>	g/L	0.253	0.202	—	0.304	0.017
		μmol/L	1.27	1.02	—	1.53	0.09		μmol/L	1.27	1.01	—	1.52	0.09
	BS-230 <sup>5</sup>	g/L	0.243	0.194	—	0.292	0.016	BS-600 <sup>15</sup>	g/L	0.257	0.205	—	0.309	0.017
		μmol/L	1.22	0.97	—	1.46	0.08		μmol/L	1.29	1.03	—	1.55	0.09
	BS-240E <sup>6</sup>	g/L	0.255	0.203	—	0.307	0.017	BS-600M <sup>16</sup>	g/L	0.262	0.209	—	0.315	0.018
		μmol/L	1.28	1.02	—	1.54	0.09		μmol/L	1.31	1.05	—	1.58	0.09
	BS-300 <sup>7</sup>	g/L	0.254	0.203	—	0.305	0.017	BS-620M <sup>17</sup>	g/L	0.262	0.209	—	0.315	0.018
		μmol/L	1.27	1.02	—	1.53	0.09		μmol/L	1.31	1.05	—	1.58	0.09
	BS-330 <sup>8</sup>	g/L	0.254	0.203	—	0.305	0.017	BS-800 <sup>18</sup>	g/L	0.256	0.204	—	0.308	0.017
		μmol/L	1.27	1.02	—	1.53	0.09		μmol/L	1.28	1.02	—	1.54	0.09
	BS-330E <sup>9</sup>	g/L	0.254	0.203	—	0.305	0.017	BS-2000 <sup>19</sup>	g/L	0.248	0.198	—	0.298	0.017
		μmol/L	1.27	1.02	—	1.53	0.09		μmol/L	1.24	0.99	—	1.49	0.09
	BS-360E <sup>10</sup>	g/L	0.261	0.208	—	0.314	0.018	BS-2800M <sup>20</sup>	g/L	0.257	0.205	—	0.309	0.017
		μmol/L	1.31	1.04	—	1.57	0.09		μmol/L	1.29	1.03	—	1.55	0.09
CRP II	BS-120 <sup>1</sup>	mg/L	55.9	39.1	—	72.7	5.6	BS-380 <sup>11</sup>	mg/L	56.4	39.5	—	73.3	5.6
		nmol/L	532	372	—	692	53		nmol/L	537	376	—	698	53
	BS-180 <sup>2</sup>	mg/L	55.9	39.1	—	72.7	5.6	BS-400 <sup>12</sup>	mg/L	56.4	39.5	—	73.3	5.6
		nmol/L	532	372	—	692	53		nmol/L	537	376	—	698	53
	BS-200 <sup>3</sup>	mg/L	58.1	40.7	—	75.5	5.8	BS-430 <sup>13</sup>	mg/L	57.7	40.4	—	75.0	5.8
		nmol/L	553	387	—	719	55		nmol/L	549	385	—	714	55
	BS-200E <sup>4</sup>	mg/L	57.6	40.3	—	74.9	5.8	BS-480 <sup>14</sup>	mg/L	56.1	39.3	—	72.9	5.6
		nmol/L	548	384	—	713	55		nmol/L	534	374	—	694	53
	BS-230 <sup>5</sup>	mg/L	55.8	39.1	—	72.5	5.6	BS-600 <sup>15</sup>	mg/L	56.7	39.7	—	73.7	5.7
		nmol/L	531	372	—	690	53		nmol/L	540	378	—	702	54
	BS-240E <sup>6</sup>	mg/L	56.8	39.8	—	73.8	5.7	BS-600M <sup>16</sup>	mg/L	57.0	39.9	—	74.1	5.7
		nmol/L	541	379	—	703	54		nmol/L	543	380	—	705	54
	BS-300 <sup>7</sup>	mg/L	60.2	42.1	—	78.3	6.0	BS-620M <sup>17</sup>	mg/L	57.0	39.9	—	74.1	5.7
		nmol/L	573	401	—	745	57		nmol/L	543	380	—	705	54
	BS-330 <sup>8</sup>	mg/L	58.1	40.7	—	75.5	5.8	BS-800 <sup>18</sup>	mg/L	57.0	39.9	—	74.1	5.7
		nmol/L	553	387	—	719	55		nmol/L	543	380	—	705	54
	BS-330E <sup>9</sup>	mg/L	57.6	40.3	—	74.9	5.8	BS-2000 <sup>19</sup>	mg/L	55.4	38.8	—	72.0	5.5
		nmol/L	548	384	—	713	55		nmol/L	527	369	—	685	52
	BS-360E <sup>10</sup>	mg/L	57.0	39.9	—	74.1	5.7	BS-2800M <sup>20</sup>	mg/L	/	/	—	/	/
		nmol/L	543	380	—	705	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		
IgA II	BS-200 <sup>3</sup>	g/L	2.37	1.84	—	2.90	0.18	BS-430 <sup>13</sup>	g/L	2.33	1.81	—	2.85	0.17
		μmol/L	14.8	11.5	—	18.1	1.1		μmol/L	14.6	11.3	—	17.8	1.1
	BS-200E <sup>4</sup>	g/L	2.34	1.81	—	2.87	0.18	BS-480 <sup>14</sup>	g/L	2.26	1.75	—	2.77	0.17
		μmol/L	14.6	11.3	—	17.9	1.1		μmol/L	14.1	10.9	—	17.3	1.1
	BS-230 <sup>5</sup>	g/L	2.27	1.76	—	2.78	0.17	BS-600 <sup>15</sup>	g/L	2.29	1.77	—	2.81	0.17
		μmol/L	14.2	11.0	—	17.4	1.1		μmol/L	14.3	11.1	—	17.6	1.1
	BS-240E <sup>6</sup>	g/L	2.40	1.86	—	2.94	0.18	BS-600M <sup>16</sup>	g/L	2.31	1.79	—	2.83	0.17
		μmol/L	15.0	11.6	—	18.4	1.1		μmol/L	14.4	11.2	—	17.7	1.1
	BS-330 <sup>8</sup>	g/L	2.37	1.84	—	2.90	0.18	BS-620M <sup>17</sup>	g/L	2.31	1.79	—	2.83	0.17
		μmol/L	14.8	11.5	—	18.1	1.1		μmol/L	14.4	11.2	—	17.7	1.1
	BS-330E <sup>9</sup>	g/L	2.34	1.81	—	2.87	0.18	BS-800 <sup>18</sup>	g/L	2.33	1.81	—	2.85	0.17
		μmol/L	14.6	11.3	—	17.9	1.1		μmol/L	14.6	11.3	—	17.8	1.1
	BS-360E <sup>10</sup>	g/L	2.34	1.81	—	2.87	0.18	BS-2000 <sup>19</sup>	g/L	2.37	1.84	—	2.90	0.18
		μmol/L	14.6	11.3	—	17.9	1.1		μmol/L	14.8	11.5	—	18.1	1.1
	BS-380 <sup>11</sup>	g/L	2.30	1.78	—	2.82	0.17	BS-2800M <sup>20</sup>	g/L	2.29	1.77	—	2.81	0.17
		μmol/L	14.4	11.1	—	17.6	1.1		μmol/L	14.3	11.1	—	17.6	1.1
BS-400 <sup>12</sup>	g/L	2.29	1.77	—	2.81	0.17								
	μmol/L	14.3	11.1	—	17.6	1.1								
BS-120 <sup>1</sup>	g/L	12.1	9.4	—	14.8	0.9	BS-380 <sup>11</sup>	g/L	11.3	8.8	—	13.8	0.8	
	μmol/L	80.7	62.7	—	98.7	6.0		μmol/L	75.4	58.7	—	92.0	5.3	
BS-180 <sup>2</sup>	g/L	12.1	9.4	—	14.8	0.9	BS-400 <sup>12</sup>	g/L	11.3	8.8	—	13.8	0.8	
	μmol/L	80.7	62.7	—	98.7	6.0		μmol/L	75.4	58.7	—	92.0	5.3	
BS-200 <sup>3</sup>	g/L	12.3	9.5	—	15.1	0.9	BS-430 <sup>13</sup>	g/L	11.5	8.9	—	14.1	0.9	
	μmol/L	82.0	63.4	—	100.7	6.0		μmol/L	76.7	59.4	—	94.0	6.0	
BS-200E <sup>4</sup>	g/L	11.3	8.8	—	13.8	0.8	BS-480 <sup>14</sup>	g/L	11.3	8.8	—	13.8	0.8	
	μmol/L	75.4	58.7	—	92.0	5.3		μmol/L	75.4	58.7	—	92.0	5.3	
BS-230 <sup>5</sup>	g/L	11.1	8.6	—	13.6	0.8	BS-600 <sup>15</sup>	g/L	11.5	8.9	—	14.1	0.9	
	μmol/L	74.0	57.4	—	90.7	5.3		μmol/L	76.7	59.4	—	94.0	6.0	
BS-240E <sup>6</sup>	g/L	11.5	8.9	—	14.1	0.9	BS-600M <sup>16</sup>	g/L	11.2	8.7	—	13.7	0.8	
	μmol/L	76.7	59.4	—	94.0	6.0		μmol/L	74.7	58.0	—	91.4	5.3	
BS-300 <sup>7</sup>	g/L	11.3	8.8	—	13.8	0.8	BS-620M <sup>17</sup>	g/L	11.2	8.7	—	13.7	0.8	
	μmol/L	75.4	58.7	—	92.0	5.3		μmol/L	74.7	58.0	—	91.4	5.3	
BS-330 <sup>8</sup>	g/L	12.3	9.5	—	15.1	0.9	BS-800 <sup>18</sup>	g/L	11.5	8.9	—	14.1	0.9	
	μmol/L	82.0	63.4	—	100.7	6.0		μmol/L	76.7	59.4	—	94.0	6.0	
BS-330E <sup>9</sup>	g/L	11.3	8.8	—	13.8	0.8	BS-2000 <sup>19</sup>	g/L	11.4	8.8	—	14.0	0.9	
	μmol/L	75.4	58.7	—	92.0	5.3		μmol/L	76.0	58.7	—	93.4	6.0	
BS-360E <sup>10</sup>	g/L	11.3	8.8	—	13.8	0.8	BS-2800M <sup>20</sup>	g/L	11.2	8.7	—	13.7	0.8	
	μmol/L	75.4	58.7	—	92.0	5.3		μmol/L	74.7	58.0	—	91.4	5.3	
BS-120 <sup>1</sup>	g/L	1.07	0.83	—	1.31	0.08	BS-380 <sup>11</sup>	g/L	1.02	0.79	—	1.25	0.08	
	μmol/L	1.10	0.85	—	1.35	0.08		μmol/L	1.05	0.81	—	1.29	0.08	
BS-180 <sup>2</sup>	g/L	1.07	0.83	—	1.31	0.08	BS-400 <sup>12</sup>	g/L	1.02	0.79	—	1.25	0.08	
	μmol/L	1.10	0.85	—	1.35	0.08		μmol/L	1.05	0.81	—	1.29	0.08	
BS-200 <sup>3</sup>	g/L	1.06	0.82	—	1.30	0.08	BS-430 <sup>13</sup>	g/L	1.04	0.81	—	1.27	0.08	
	μmol/L	1.09	0.84	—	1.34	0.08		μmol/L	1.07	0.83	—	1.31	0.08	
BS-200E <sup>4</sup>	g/L	1.05	0.81	—	1.29	0.08	BS-480 <sup>14</sup>	g/L	1.04	0.81	—	1.27	0.08	
	μmol/L	1.08	0.83	—	1.33	0.08		μmol/L	1.07	0.83	—	1.31	0.08	
BS-230 <sup>5</sup>	g/L	1.03	0.80	—	1.26	0.08	BS-600 <sup>15</sup>	g/L	1.03	0.80	—	1.26	0.08	
	μmol/L	1.06	0.82	—	1.30	0.08		μmol/L	1.06	0.82	—	1.30	0.08	
BS-240E <sup>6</sup>	g/L	1.03	0.80	—	1.26	0.08	BS-600M <sup>16</sup>	g/L	1.04	0.81	—	1.27	0.08	
	μmol/L	1.06	0.82	—	1.30	0.08		μmol/L	1.07	0.83	—	1.31	0.08	
BS-300 <sup>7</sup>	g/L	1.05	0.81	—	1.29	0.08	BS-620M <sup>17</sup>	g/L	1.04	0.81	—	1.27	0.08	
	μmol/L	1.08	0.83	—	1.33	0.08		μmol/L	1.07	0.83	—	1.31	0.08	
BS-330 <sup>8</sup>	g/L	1.06	0.82	—	1.30	0.08	BS-800 <sup>18</sup>	g/L	1.05	0.81	—	1.29	0.08	
	μmol/L	1.09	0.84	—	1.34	0.08		μmol/L	1.08	0.83	—	1.33	0.08	
BS-330E <sup>9</sup>	g/L	1.05	0.81	—	1.29	0.08	BS-2000 <sup>19</sup>	g/L	1.06	0.82	—	1.30	0.08	
	μmol/L	1.08	0.83	—	1.33	0.08		μmol/L	1.09	0.84	—	1.34	0.08	
BS-360E <sup>10</sup>	g/L	1.03	0.80	—	1.26	0.08	BS-2800M <sup>20</sup>	g/L	1.04	0.81	—	1.27	0.08	
	μmol/L	1.06	0.82	—	1.30	0.08		μmol/L	1.07	0.83	—	1.31	0.08	

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
PA	BS-120 <sup>1</sup>	mg/L	223	173	—	273	17	BS-380 <sup>11</sup>	mg/L	219	170	—	268	16
		μmol/L	4.06	3.15	—	4.97	0.31		μmol/L	3.99	3.09	—	4.88	0.29
	BS-180 <sup>2</sup>	mg/L	223	173	—	273	17	BS-400 <sup>12</sup>	mg/L	218	169	—	267	16
		μmol/L	4.06	3.15	—	4.97	0.31		μmol/L	3.97	3.08	—	4.86	0.29
	BS-200 <sup>3</sup>	mg/L	223	173	—	273	17	BS-430 <sup>13</sup>	mg/L	226	175	—	277	17
		μmol/L	4.06	3.15	—	4.97	0.31		μmol/L	4.11	3.19	—	5.04	0.31
	BS-200E <sup>4</sup>	mg/L	225	174	—	276	17	BS-480 <sup>14</sup>	mg/L	220	171	—	270	17
		μmol/L	4.10	3.17	—	5.02	0.31		μmol/L	4.00	3.11	—	4.91	0.31
	BS-230 <sup>5</sup>	mg/L	223	173	—	273	17	BS-600 <sup>15</sup>	mg/L	220	171	—	270	17
		μmol/L	4.06	3.15	—	4.97	0.31		μmol/L	4.00	3.11	—	4.91	0.31
	BS-240E <sup>6</sup>	mg/L	220	171	—	270	17	BS-600M <sup>16</sup>	mg/L	218	169	—	267	16
		μmol/L	4.00	3.11	—	4.91	0.31		μmol/L	3.97	3.08	—	4.86	0.29
	BS-300 <sup>7</sup>	mg/L	224	174	—	274	17	BS-620M <sup>17</sup>	mg/L	218	169	—	267	16
		μmol/L	4.08	3.17	—	4.99	0.31		μmol/L	3.97	3.08	—	4.86	0.29
	BS-330 <sup>8</sup>	mg/L	223	173	—	273	17	BS-800 <sup>18</sup>	mg/L	220	171	—	270	17
		μmol/L	4.06	3.15	—	4.97	0.31		μmol/L	4.00	3.11	—	4.91	0.31
	BS-330E <sup>9</sup>	mg/L	225	174	—	276	17	BS-2000 <sup>19</sup>	mg/L	223	173	—	273	17
		μmol/L	4.10	3.17	—	5.02	0.31		μmol/L	4.06	3.15	—	4.97	0.31
	BS-360E <sup>10</sup>	mg/L	220	171	—	270	17	BS-2800M <sup>20</sup>	mg/L	220	171	—	270	17
		μmol/L	4.00	3.11	—	4.91	0.31		μmol/L	4.00	3.11	—	4.91	0.31
LDH	BS-120 <sup>1</sup>	U/L	285	242	—	328	14	BS-380 <sup>11</sup>	U/L	289	246	—	332	14
		μkat/L	4.76	4.04	—	5.48	0.23		μkat/L	4.83	4.11	—	5.54	0.23
	BS-180 <sup>2</sup>	U/L	285	242	—	328	14	BS-400 <sup>12</sup>	U/L	285	242	—	328	14
		μkat/L	4.76	4.04	—	5.48	0.23		μkat/L	4.76	4.04	—	5.48	0.23
	BS-200 <sup>3</sup>	U/L	280	238	—	322	14	BS-430 <sup>13</sup>	U/L	284	241	—	327	14
		μkat/L	4.68	3.97	—	5.38	0.23		μkat/L	4.74	4.02	—	5.46	0.23
	BS-200E <sup>4</sup>	U/L	278	236	—	320	14	BS-480 <sup>14</sup>	U/L	288	245	—	331	14
		μkat/L	4.64	3.94	—	5.34	0.23		μkat/L	4.81	4.09	—	5.53	0.23
	BS-230 <sup>5</sup>	U/L	290	247	—	334	15	BS-600 <sup>15</sup>	U/L	284	241	—	327	14
		μkat/L	4.84	4.12	—	5.58	0.25		μkat/L	4.74	4.02	—	5.46	0.23
	BS-240E <sup>6</sup>	U/L	284	241	—	327	14	BS-600M <sup>16</sup>	U/L	279	237	—	321	14
		μkat/L	4.74	4.02	—	5.46	0.23		μkat/L	4.66	3.96	—	5.36	0.23
	BS-300 <sup>7</sup>	U/L	288	245	—	331	14	BS-620M <sup>17</sup>	U/L	279	237	—	321	14
		μkat/L	4.81	4.09	—	5.53	0.23		μkat/L	4.66	3.96	—	5.36	0.23
	BS-330 <sup>8</sup>	U/L	280	238	—	322	14	BS-800 <sup>18</sup>	U/L	284	241	—	327	14
		μkat/L	4.68	3.97	—	5.38	0.23		μkat/L	4.74	4.02	—	5.46	0.23
	BS-330E <sup>9</sup>	U/L	278	236	—	320	14	BS-2000 <sup>19</sup>	U/L	281	239	—	323	14
		μkat/L	4.64	3.94	—	5.34	0.23		μkat/L	4.69	3.99	—	5.39	0.23
	BS-360E <sup>10</sup>	U/L	285	242	—	328	14	BS-2800M <sup>20</sup>	U/L	282	240	—	324	14
		μkat/L	4.76	4.04	—	5.48	0.23		μkat/L	4.71	4.01	—	5.41	0.23
Mg II	BS-120 <sup>1</sup>	mmol/L	1.43	1.26	—	1.60	0.06	BS-380 <sup>11</sup>	mmol/L	1.44	1.27	—	1.61	0.06
		mg/dL	3.47	3.06	—	3.89	0.15		mg/dL	3.50	3.09	—	3.91	0.15
	BS-180 <sup>2</sup>	mmol/L	1.43	1.26	—	1.60	0.06	BS-400 <sup>12</sup>	mmol/L	1.44	1.27	—	1.61	0.06
		mg/dL	3.47	3.06	—	3.89	0.15		mg/dL	3.50	3.09	—	3.91	0.15
	BS-200 <sup>3</sup>	mmol/L	1.43	1.26	—	1.60	0.06	BS-430 <sup>13</sup>	mmol/L	1.41	1.24	—	1.58	0.06
		mg/dL	3.47	3.06	—	3.89	0.15		mg/dL	3.43	3.01	—	3.84	0.15
	BS-200E <sup>4</sup>	mmol/L	1.42	1.25	—	1.59	0.06	BS-480 <sup>14</sup>	mmol/L	1.42	1.25	—	1.59	0.06
		mg/dL	3.45	3.04	—	3.86	0.15		mg/dL	3.45	3.04	—	3.86	0.15
	BS-230 <sup>5</sup>	mmol/L	1.42	1.25	—	1.59	0.06	BS-600 <sup>15</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
	BS-240E <sup>6</sup>	mmol/L	1.41	1.24	—	1.58	0.06	BS-600M <sup>16</sup>	mmol/L	1.41	1.24	—	1.58	0.06
		mg/dL	3.43	3.01	—	3.84	0.15		mg/dL	3.43	3.01	—	3.84	0.15
	BS-300 <sup>7</sup>	mmol/L	1.44	1.27	—	1.61	0.06	BS-620M <sup>17</sup>	mmol/L	1.41	1.24	—	1.58	0.06
		mg/dL	3.50	3.09	—	3.91	0.15		mg/dL	3.43	3.01	—	3.84	0.15
	BS-330 <sup>8</sup>	mmol/L	1.43	1.26	—	1.60	0.06	BS-800 <sup>18</sup>	mmol/L	1.41	1.24	—	1.58	0.06
		mg/dL	3.47	3.06	—	3.89	0.15		mg/dL	3.43	3.01	—	3.84	0.15
	BS-330E <sup>9</sup>	mmol/L	1.42	1.25	—	1.59	0.06	BS-2000 <sup>19</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
	BS-360E <sup>10</sup>	mmol/L	1.41	1.24	—	1.58	0.06	BS-2800M <sup>20</sup>	mmol/L	1.43	1.26	—	1.60	0.06
		mg/dL	3.43	3.01	—	3.84	0.15		mg/dL	3.47	3.06	—	3.89	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	2.64	2.24	—	3.04	0.13	<b>BS-380</b> <sup>11</sup>	mmol/L	2.67	2.27	—	3.07	0.13	
		mg/dL	8.18	6.94	—	9.42	0.40		mg/dL	8.28	7.04	—	9.52	0.40	
	<b>BS-180</b> <sup>2</sup>	mmol/L	2.64	2.24	—	3.04	0.13	<b>BS-400</b> <sup>12</sup>	mmol/L	2.67	2.27	—	3.07	0.13	
		mg/dL	8.18	6.94	—	9.42	0.40		mg/dL	8.28	7.04	—	9.52	0.40	
	<b>BS-200</b> <sup>3</sup>	mmol/L	2.62	2.23	—	3.01	0.13	<b>BS-430</b> <sup>13</sup>	mmol/L	2.70	2.30	—	3.11	0.14	
		mg/dL	8.12	6.91	—	9.33	0.40		mg/dL	8.37	7.13	—	9.64	0.43	
	<b>BS-200E</b> <sup>4</sup>	mmol/L	2.73	2.32	—	3.14	0.14	<b>BS-480</b> <sup>14</sup>	mmol/L	2.66	2.26	—	3.06	0.13	
		mg/dL	8.46	7.19	—	9.73	0.43		mg/dL	8.25	7.01	—	9.49	0.40	
	<b>BS-230</b> <sup>5</sup>	mmol/L	2.68	2.28	—	3.08	0.13	<b>BS-600</b> <sup>15</sup>	mmol/L	2.66	2.26	—	3.06	0.13	
		mg/dL	8.31	7.07	—	9.55	0.40		mg/dL	8.25	7.01	—	9.49	0.40	
	<b>BS-240E</b> <sup>6</sup>	mmol/L	2.67	2.27	—	3.07	0.13	<b>BS-600M</b> <sup>16</sup>	mmol/L	2.73	2.32	—	3.14	0.14	
		mg/dL	8.28	7.04	—	9.52	0.40		mg/dL	8.46	7.19	—	9.73	0.43	
	<b>BS-300</b> <sup>7</sup>	mmol/L	2.67	2.27	—	3.07	0.13	<b>BS-620M</b> <sup>17</sup>	mmol/L	2.73	2.32	—	3.14	0.14	
		mg/dL	8.28	7.04	—	9.52	0.40		mg/dL	8.46	7.19	—	9.73	0.43	
	<b>BS-330</b> <sup>8</sup>	mmol/L	2.62	2.23	—	3.01	0.13	<b>BS-800</b> <sup>18</sup>	mmol/L	2.67	2.27	—	3.07	0.13	
		mg/dL	8.12	6.91	—	9.33	0.40		mg/dL	8.28	7.04	—	9.52	0.40	
	<b>BS-330E</b> <sup>9</sup>	mmol/L	2.73	2.32	—	3.14	0.14	<b>BS-2000</b> <sup>19</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-360E</b> <sup>10</sup>	mmol/L	2.60	2.21	—	2.99	0.13	<b>BS-2800M</b> <sup>20</sup>	mmol/L	/	/	—	/	/	
		mg/dL	8.06	6.85	—	9.27	0.40		mg/dL	/	/	—	/	/	
	<b>P II</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	2.71	2.30	—	3.12	0.14
			mg/dL	8.34	7.10	—	9.58	0.40		mg/dL	8.40	7.13	—	9.67	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	2.71	2.30	—	3.12	0.14
			mg/dL	8.34	7.10	—	9.58	0.40		mg/dL	8.40	7.13	—	9.67	0.43
		<b>BS-200</b> <sup>3</sup>	mmol/L	2.65	2.25	—	3.05	0.13	<b>BS-430</b> <sup>13</sup>	mmol/L	2.77	2.35	—	3.19	0.14
			mg/dL	8.22	6.98	—	9.46	0.40		mg/dL	8.59	7.29	—	9.89	0.43
		<b>BS-200E</b> <sup>4</sup>	mmol/L	2.71	2.30	—	3.12	0.14	<b>BS-480</b> <sup>14</sup>	mmol/L	2.72	2.31	—	3.13	0.14
			mg/dL	8.40	7.13	—	9.67	0.43		mg/dL	8.43	7.16	—	9.70	0.43
		<b>BS-230</b> <sup>5</sup>	mmol/L	2.74	2.33	—	3.15	0.14	<b>BS-600</b> <sup>15</sup>	mmol/L	2.72	2.31	—	3.13	0.14
			mg/dL	8.49	7.22	—	9.77	0.43		mg/dL	8.43	7.16	—	9.70	0.43
<b>BS-240E</b> <sup>6</sup>		mmol/L	2.77	2.35	—	3.19	0.14	<b>BS-600M</b> <sup>16</sup>	mmol/L	2.74	2.33	—	3.15	0.14	
		mg/dL	8.59	7.29	—	9.89	0.43		mg/dL	8.49	7.22	—	9.77	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	2.74	2.33	—	3.15	0.14	
		mg/dL	8.40	7.13	—	9.67	0.43		mg/dL	8.49	7.22	—	9.77	0.43	
<b>BS-330</b> <sup>8</sup>		mmol/L	2.65	2.25	—	3.05	0.13	<b>BS-800</b> <sup>18</sup>	mmol/L	2.72	2.31	—	3.13	0.14	
		mg/dL	8.22	6.98	—	9.46	0.40		mg/dL	8.43	7.16	—	9.70	0.43	
<b>BS-330E</b> <sup>9</sup>		mmol/L	2.71	2.30	—	3.12	0.14	<b>BS-2000</b> <sup>19</sup>	mmol/L	2.70	2.30	—	3.11	0.14	
		mg/dL	8.40	7.13	—	9.67	0.43		mg/dL	8.37	7.13	—	9.64	0.43	
<b>BS-360E</b> <sup>10</sup>		mmol/L	2.71	2.30	—	3.12	0.14	<b>BS-2800M</b> <sup>20</sup>	mmol/L	2.74	2.33	—	3.15	0.14	
		mg/dL	8.40	7.13	—	9.67	0.43		mg/dL	8.49	7.22	—	9.77	0.43	
<b>TP</b>		<b>BS-120</b> <sup>1</sup>	g/L	76.8	65.3	—	88.3	3.8	<b>BS-380</b> <sup>11</sup>	g/L	78.9	67.1	—	90.7	3.9
		<b>BS-180</b> <sup>2</sup>	g/L	76.8	65.3	—	88.3	3.8	<b>BS-400</b> <sup>12</sup>	g/L	78.4	66.6	—	90.2	3.9
		<b>BS-200</b> <sup>3</sup>	g/L	78.2	66.5	—	89.9	3.9	<b>BS-430</b> <sup>13</sup>	g/L	79.2	67.3	—	91.1	4.0
		<b>BS-200E</b> <sup>4</sup>	g/L	78.9	67.1	—	90.7	3.9	<b>BS-480</b> <sup>14</sup>	g/L	79.0	67.2	—	90.9	4.0
		<b>BS-230</b> <sup>5</sup>	g/L	77.9	66.2	—	89.6	3.9	<b>BS-600</b> <sup>15</sup>	g/L	79.2	67.3	—	91.1	4.0
		<b>BS-240E</b> <sup>6</sup>	g/L	78.0	66.3	—	89.7	3.9	<b>BS-600M</b> <sup>15</sup>	g/L	79.2	67.3	—	91.1	4.0
		<b>BS-300</b> <sup>7</sup>	g/L	77.7	66.0	—	89.4	3.9	<b>BS-620M</b> <sup>16</sup>	g/L	79.2	67.3	—	91.1	4.0
		<b>BS-330</b> <sup>8</sup>	g/L	78.2	66.5	—	89.9	3.9	<b>BS-800</b> <sup>16</sup>	g/L	79.2	67.3	—	91.1	4.0
		<b>BS-330E</b> <sup>9</sup>	g/L	78.9	67.1	—	90.7	3.9	<b>BS-2000</b> <sup>17</sup>	g/L	79.8	67.8	—	91.8	4.0
		<b>BS-360E</b> <sup>10</sup>	g/L	78.7	66.9	—	90.5	3.9	<b>BS-2800M</b> <sup>18</sup>	g/L	/	/	—	/	/
<b>TP II</b>	<b>BS-120</b> <sup>1</sup>	g/L	76.5	65.0	—	88.0	3.8	<b>BS-380</b> <sup>11</sup>	g/L	76.4	64.9	—	87.9	3.8	
	<b>BS-180</b> <sup>2</sup>	g/L	76.5	65.0	—	88.0	3.8	<b>BS-400</b> <sup>12</sup>	g/L	76.4	64.9	—	87.9	3.8	
	<b>BS-200</b> <sup>3</sup>	g/L	76.5	65.0	—	88.0	3.8	<b>BS-430</b> <sup>13</sup>	g/L	76.9	65.4	—	88.4	3.8	
	<b>BS-200E</b> <sup>4</sup>	g/L	76.0	64.6	—	87.4	3.8	<b>BS-480</b> <sup>14</sup>	g/L	76.0	64.6	—	87.4	3.8	
	<b>BS-230</b> <sup>5</sup>	g/L	75.9	64.5	—	87.3	3.8	<b>BS-600</b> <sup>15</sup>	g/L	76.9	65.4	—	88.4	3.8	
	<b>BS-240E</b> <sup>6</sup>	g/L	75.8	64.4	—	87.2	3.8	<b>BS-600M</b> <sup>15</sup>	g/L	77.3	65.7	—	88.9	3.9	
	<b>BS-300</b> <sup>7</sup>	g/L	77.1	65.5	—	88.7	3.9	<b>BS-620M</b> <sup>16</sup>	g/L	77.3	65.7	—	88.9	3.9	
	<b>BS-330</b> <sup>8</sup>	g/L	76.5	65.0	—	88.0	3.8	<b>BS-800</b> <sup>16</sup>	g/L	76.9	65.4	—	88.4	3.8	
	<b>BS-330E</b> <sup>9</sup>	g/L	76.0	64.6	—	87.4	3.8	<b>BS-2000</b> <sup>17</sup>	g/L	78.0	66.3	—	89.7	3.9	
	<b>BS-360E</b> <sup>10</sup>	g/L	76.3	64.9	—	87.7	3.8	<b>BS-2800M</b> <sup>18</sup>	g/L	78.5	66.7	—	90.3	3.9	

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	2.29	1.98	—	2.60	0.10	BS-380 <sup>11</sup>	mmol/L	2.36	2.04	—	2.68	0.11
		mg/dL	203	175	—	230	9		mg/dL	209	181	—	237	10
	BS-180 <sup>2</sup>	mmol/L	2.29	1.98	—	2.60	0.10	BS-400 <sup>12</sup>	mmol/L	2.31	2.00	—	2.62	0.10
		mg/dL	203	175	—	230	9		mg/dL	204	177	—	232	9
	BS-200 <sup>3</sup>	mmol/L	2.32	2.01	—	2.63	0.10	BS-430 <sup>13</sup>	mmol/L	2.37	2.05	—	2.69	0.11
		mg/dL	205	178	—	233	9		mg/dL	210	181	—	238	10
	BS-200E <sup>4</sup>	mmol/L	2.36	2.04	—	2.68	0.11	BS-480 <sup>14</sup>	mmol/L	2.30	1.99	—	2.61	0.10
		mg/dL	209	181	—	237	10		mg/dL	204	176	—	231	9
	BS-230 <sup>5</sup>	mmol/L	2.33	2.02	—	2.64	0.10	BS-600 <sup>15</sup>	mmol/L	2.35	2.03	—	2.67	0.11
		mg/dL	206	179	—	234	9		mg/dL	208	180	—	236	10
	BS-240E <sup>6</sup>	mmol/L	2.33	2.02	—	2.64	0.10	BS-600M <sup>16</sup>	mmol/L	2.44	2.11	—	2.77	0.11
		mg/dL	206	179	—	234	9		mg/dL	216	187	—	245	10
	BS-300 <sup>7</sup>	mmol/L	2.32	2.01	—	2.63	0.10	BS-620M <sup>17</sup>	mmol/L	2.44	2.11	—	2.77	0.11
		mg/dL	205	178	—	233	9		mg/dL	216	187	—	245	10
	BS-330 <sup>8</sup>	mmol/L	2.32	2.01	—	2.63	0.10	BS-800 <sup>18</sup>	mmol/L	2.37	2.05	—	2.69	0.11
		mg/dL	205	178	—	233	9		mg/dL	210	181	—	238	10
	BS-330E <sup>9</sup>	mmol/L	2.36	2.04	—	2.68	0.11	BS-2000 <sup>19</sup>	mmol/L	2.38	2.06	—	2.70	0.11
		mg/dL	209	181	—	237	10		mg/dL	211	182	—	239	10
	BS-360E <sup>10</sup>	mmol/L	2.30	1.99	—	2.61	0.10	BS-2800M <sup>20</sup>	mmol/L	2.44	2.11	—	2.77	0.11
		mg/dL	204	176	—	231	9		mg/dL	216	187	—	245	10
UA	BS-120 <sup>1</sup>	μmol/L	638	552	—	724	29	BS-380 <sup>11</sup>	μmol/L	657	568	—	746	30
		mg/dL	10.7	9.3	—	12.2	0.5		mg/dL	11.0	9.5	—	12.5	0.5
	BS-180 <sup>2</sup>	μmol/L	638	552	—	724	29	BS-400 <sup>12</sup>	μmol/L	657	568	—	746	30
		mg/dL	10.7	9.3	—	12.2	0.5		mg/dL	11.0	9.5	—	12.5	0.5
	BS-200 <sup>3</sup>	μmol/L	623	539	—	707	28	BS-430 <sup>13</sup>	μmol/L	656	567	—	745	30
		mg/dL	10.5	9.1	—	11.9	0.5		mg/dL	11.0	9.5	—	12.5	0.5
	BS-200E <sup>4</sup>	μmol/L	657	568	—	746	30	BS-480 <sup>14</sup>	μmol/L	656	567	—	745	30
		mg/dL	11.0	9.5	—	12.5	0.5		mg/dL	11.0	9.5	—	12.5	0.5
	BS-230 <sup>5</sup>	μmol/L	651	563	—	739	29	BS-600 <sup>15</sup>	μmol/L	656	567	—	745	30
		mg/dL	10.9	9.5	—	12.4	0.5		mg/dL	11.0	9.5	—	12.5	0.5
	BS-240E <sup>6</sup>	μmol/L	656	567	—	745	30	BS-600M <sup>16</sup>	μmol/L	677	586	—	768	30
		mg/dL	11.0	9.5	—	12.5	0.5		mg/dL	11.4	9.8	—	12.9	0.5
	BS-300 <sup>7</sup>	μmol/L	657	568	—	746	30	BS-620M <sup>17</sup>	μmol/L	677	586	—	768	30
		mg/dL	11.0	9.5	—	12.5	0.5		mg/dL	11.4	9.8	—	12.9	0.5
	BS-330 <sup>8</sup>	μmol/L	623	539	—	707	28	BS-800 <sup>18</sup>	μmol/L	656	567	—	745	30
		mg/dL	10.5	9.1	—	11.9	0.5		mg/dL	11.0	9.5	—	12.5	0.5
	BS-330E <sup>9</sup>	μmol/L	657	568	—	746	30	BS-2000 <sup>19</sup>	μmol/L	663	573	—	753	30
		mg/dL	11.0	9.5	—	12.5	0.5		mg/dL	11.1	9.6	—	12.7	0.5
	BS-360E <sup>10</sup>	μmol/L	657	568	—	746	30	BS-2800M <sup>20</sup>	μmol/L	677	586	—	768	30
		mg/dL	11.0	9.5	—	12.5	0.5		mg/dL	11.4	9.8	—	12.9	0.5
Urea	BS-120 <sup>1</sup>	mmol/L	20.1	17.1	—	23.1	1.0	BS-380 <sup>11</sup>	mmol/L	20.9	17.8	—	24.0	1.0
		mg/dL	121	103	—	139	6		mg/dL	126	107	—	144	6
	BS-180 <sup>2</sup>	mmol/L	20.1	17.1	—	23.1	1.0	BS-400 <sup>12</sup>	mmol/L	20.9	17.8	—	24.0	1.0
		mg/dL	121	103	—	139	6		mg/dL	126	107	—	144	6
	BS-200 <sup>3</sup>	mmol/L	20.1	17.1	—	23.1	1.0	BS-430 <sup>13</sup>	mmol/L	20.8	17.7	—	23.9	1.0
		mg/dL	121	103	—	139	6		mg/dL	125	106	—	144	6
	BS-200E <sup>4</sup>	mmol/L	20.7	17.6	—	23.8	1.0	BS-480 <sup>14</sup>	mmol/L	20.8	17.7	—	23.9	1.0
		mg/dL	124	106	—	143	6		mg/dL	125	106	—	144	6
	BS-230 <sup>5</sup>	mmol/L	20.6	17.5	—	23.7	1.0	BS-600 <sup>15</sup>	mmol/L	20.8	17.7	—	23.9	1.0
		mg/dL	124	105	—	142	6		mg/dL	125	106	—	144	6
	BS-240E <sup>6</sup>	mmol/L	20.7	17.6	—	23.8	1.0	BS-600M <sup>16</sup>	mmol/L	20.5	17.4	—	23.6	1.0
		mg/dL	124	106	—	143	6		mg/dL	123	105	—	142	6
	BS-300 <sup>7</sup>	mmol/L	20.9	17.8	—	24.0	1.0	BS-620M <sup>17</sup>	mmol/L	20.5	17.4	—	23.6	1.0
		mg/dL	126	107	—	144	6		mg/dL	123	105	—	142	6
	BS-330 <sup>8</sup>	mmol/L	20.1	17.1	—	23.1	1.0	BS-800 <sup>18</sup>	mmol/L	20.8	17.7	—	23.9	1.0
		mg/dL	121	103	—	139	6		mg/dL	125	106	—	144	6
	BS-330E <sup>9</sup>	mmol/L	20.7	17.6	—	23.8	1.0	BS-2000 <sup>19</sup>	mmol/L	21.0	17.9	—	24.2	1.1
		mg/dL	124	106	—	143	6		mg/dL	126	108	—	145	7
	BS-360E <sup>10</sup>	mmol/L	20.8	17.7	—	23.9	1.0	BS-2800M <sup>20</sup>	mmol/L	20.6	17.5	—	23.7	1.0
		mg/dL	125	106	—	144	6		mg/dL	124	105	—	142	6

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)			1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)			1 SD	
LIP	BS-120 <sup>1</sup>	U/L	93.9	75.0	—	112.8	6.3	BS-380 <sup>11</sup>	U/L	97.4	77.8	—	117.0	6.5	
		μkat/L	1.57	1.25	—	1.88	0.11		μkat/L	1.63	1.30	—	1.95	0.11	
	BS-180 <sup>2</sup>	U/L	/	/	—	/	/	BS-400 <sup>12</sup>	U/L	97.4	77.8	—	117.0	6.5	
		μkat/L	/	/	—	/	/		μkat/L	1.63	1.30	—	1.95	0.11	
	BS-200 <sup>3</sup>	U/L	97.9	78.2	—	117.6	6.6	BS-430 <sup>13</sup>	U/L	99.8	79.7	—	119.9	6.7	
		μkat/L	1.63	1.31	—	1.96	0.11		μkat/L	1.67	1.33	—	2.00	0.11	
	BS-200E <sup>4</sup>	U/L	99.8	79.7	—	119.9	6.7	BS-480 <sup>14</sup>	U/L	95.5	76.3	—	114.7	6.4	
		μkat/L	1.67	1.33	—	2.00	0.11		μkat/L	1.59	1.27	—	1.92	0.11	
	BS-230 <sup>5</sup>	U/L	94.4	75.4	—	113.4	6.3	BS-600 <sup>15</sup>	U/L	97.6	78.0	—	117.2	6.5	
		μkat/L	1.58	1.26	—	1.89	0.11		μkat/L	1.63	1.30	—	1.96	0.11	
	BS-240E <sup>6</sup>	U/L	97.9	78.2	—	117.6	6.6	BS-600M <sup>16</sup>	U/L	98.4	78.6	—	118.2	6.6	
		μkat/L	1.63	1.31	—	1.96	0.11		μkat/L	1.64	1.31	—	1.97	0.11	
	BS-300 <sup>7</sup>	U/L	95.0	75.9	—	114.1	6.4	BS-620M <sup>17</sup>	U/L	98.4	78.6	—	118.2	6.6	
		μkat/L	1.59	1.27	—	1.91	0.11		μkat/L	1.64	1.31	—	1.97	0.11	
	BS-330 <sup>8</sup>	U/L	/	/	—	/	/	BS-800 <sup>18</sup>	U/L	97.6	78.0	—	117.2	6.5	
		μkat/L	/	/	—	/	/		μkat/L	1.63	1.30	—	1.96	0.11	
	BS-330E <sup>9</sup>	U/L	99.8	79.7	—	119.9	6.7	BS-2000 <sup>19</sup>	U/L	97.8	78.1	—	117.5	6.6	
		μkat/L	1.67	1.33	—	2.00	0.11		μkat/L	1.63	1.30	—	1.96	0.11	
	BS-360E <sup>10</sup>	U/L	97.1	77.6	—	116.6	6.5	BS-2800M <sup>20</sup>	U/L	99.8	79.7	—	119.9	6.7	
		μkat/L	1.62	1.30	—	1.95	0.11		μkat/L	1.67	1.33	—	2.00	0.11	
CHE	BS-200 <sup>3</sup>	U/L	8191	6545	—	9837	549	BS-400 <sup>12</sup>	U/L	8376	6692	—	10060	561	
		μkat/L	137	109	—	164	9		μkat/L	140	112	—	168	9	
	BS-200E <sup>4</sup>	U/L	8041	6425	—	9657	539	BS-430 <sup>13</sup>	U/L	8370	6688	—	10052	561	
		μkat/L	134	107	—	161	9		μkat/L	140	112	—	168	9	
	BS-230 <sup>5</sup>	U/L	8290	6624	—	9956	555	BS-480 <sup>14</sup>	U/L	8279	6615	—	9943	555	
		μkat/L	138	111	—	166	9		μkat/L	138	110	—	166	9	
	BS-240E <sup>6</sup>	U/L	8280	6616	—	9944	555	BS-600 <sup>15</sup>	U/L	8370	6688	—	10052	561	
		μkat/L	138	110	—	166	9		μkat/L	140	112	—	168	9	
	BS-300 <sup>7</sup>	U/L	8145	6508	—	9782	546	BS-600M <sup>16</sup>	U/L	8335	6660	—	10010	558	
		μkat/L	136	109	—	163	9		μkat/L	139	111	—	167	9	
	BS-330 <sup>8</sup>	U/L	/	/	—	/	/	BS-620M <sup>17</sup>	U/L	8335	6660	—	10010	558	
		μkat/L	/	/	—	/	/		μkat/L	139	111	—	167	9	
	BS-330E <sup>9</sup>	U/L	8041	6425	—	9657	539	BS-800 <sup>18</sup>	U/L	8370	6688	—	10052	561	
		μkat/L	134	107	—	161	9		μkat/L	140	112	—	168	9	
	BS-360E <sup>10</sup>	U/L	8315	6644	—	9986	557	BS-2000 <sup>19</sup>	U/L	8359	6679	—	10039	560	
		μkat/L	139	111	—	167	9		μkat/L	140	112	—	168	9	
	BS-380 <sup>11</sup>	U/L	8376	6692	—	10060	561	BS-2800M <sup>20</sup>	U/L	8335	6660	—	10010	558	
		μkat/L	140	112	—	168	9		μkat/L	139	111	—	167	9	
	Fe	BS-120 <sup>1</sup>	μmol/L	44.9	35.9	—	53.9	3.0	BS-380 <sup>11</sup>	μmol/L	45.0	36.0	—	54.0	3.0
			mg/L	2.51	2.01	—	3.02	0.17		mg/L	2.52	2.02	—	3.02	0.17
BS-180 <sup>2</sup>		μmol/L	44.9	35.9	—	53.9	3.0	BS-400 <sup>12</sup>	μmol/L	45.2	36.1	—	54.3	3.0	
		mg/L	2.51	2.01	—	3.02	0.17		mg/L	2.53	2.02	—	3.04	0.17	
BS-200 <sup>3</sup>		μmol/L	44.9	35.9	—	53.9	3.0	BS-430 <sup>13</sup>	μmol/L	44.9	35.9	—	53.9	3.0	
		mg/L	2.51	2.01	—	3.02	0.17		mg/L	2.51	2.01	—	3.02	0.17	
BS-200E <sup>4</sup>		μmol/L	44.7	35.7	—	53.7	3.0	BS-480 <sup>14</sup>	μmol/L	44.7	35.7	—	53.7	3.0	
		mg/L	2.50	2.00	—	3.01	0.17		mg/L	2.50	2.00	—	3.01	0.17	
BS-230 <sup>5</sup>		μmol/L	45.3	36.2	—	54.4	3.0	BS-600 <sup>15</sup>	μmol/L	44.5	35.6	—	53.4	3.0	
		mg/L	2.54	2.03	—	3.05	0.17		mg/L	2.49	1.99	—	2.99	0.17	
BS-240E <sup>6</sup>		μmol/L	44.5	35.6	—	53.4	3.0	BS-600M <sup>16</sup>	μmol/L	44.4	35.5	—	53.3	3.0	
		mg/L	2.49	1.99	—	2.99	0.17		mg/L	2.49	1.99	—	2.98	0.17	
BS-300 <sup>7</sup>		μmol/L	44.9	35.9	—	53.9	3.0	BS-620M <sup>17</sup>	μmol/L	44.4	35.5	—	53.3	3.0	
		mg/L	2.51	2.01	—	3.02	0.17		mg/L	2.49	1.99	—	2.98	0.17	
BS-330 <sup>8</sup>		μmol/L	44.9	35.9	—	53.9	3.0	BS-800 <sup>18</sup>	μmol/L	45.2	36.1	—	54.3	3.0	
		mg/L	2.51	2.01	—	3.02	0.17		mg/L	2.53	2.02	—	3.04	0.17	
BS-330E <sup>9</sup>		μmol/L	44.7	35.7	—	53.7	3.0	BS-2000 <sup>19</sup>	μmol/L	44.2	35.3	—	53.1	3.0	
		mg/L	2.50	2.00	—	3.01	0.17		mg/L	2.48	1.98	—	2.97	0.17	
BS-360E <sup>10</sup>		μmol/L	44.8	35.8	—	53.8	3.0	BS-2800M <sup>20</sup>	μmol/L	43.8	35.0	—	52.6	2.9	
		mg/L	2.51	2.00	—	3.01	0.17		mg/L	2.45	1.96	—	2.95	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	35.3	28.2	—	42.4	2.4	<b>BS-600</b> <sup>15</sup>	μmol/L	34.9	27.9	—	41.9	2.3
		μg/dL	197	158	—	237	13		μg/dL	195	156	—	234	13
	<b>BS-240E</b> <sup>6</sup>	μmol/L	37.6	30.0	—	45.2	2.5	<b>BS-600M</b> <sup>16</sup>	μmol/L	35.8	28.6	—	43.0	2.4
		μg/dL	210	168	—	253	14		μg/dL	200	160	—	240	13
	<b>BS-360E</b> <sup>10</sup>	μmol/L	36.7	29.3	—	44.1	2.5	<b>BS-620M</b> <sup>17</sup>	μmol/L	35.8	28.6	—	43.0	2.4
		μg/dL	205	164	—	247	14		μg/dL	200	160	—	240	13
	<b>BS-380</b> <sup>11</sup>	μmol/L	37.3	29.8	—	44.8	2.5	<b>BS-800</b> <sup>18</sup>	μmol/L	34.9	27.9	—	41.9	2.3
		μg/dL	209	167	—	250	14		μg/dL	195	156	—	234	13
	<b>BS-400</b> <sup>12</sup>	μmol/L	37.3	29.8	—	44.8	2.5	<b>BS-2000</b> <sup>19</sup>	μmol/L	35.4	28.3	—	42.5	2.4
		μg/dL	209	167	—	250	14		μg/dL	198	158	—	238	13
	<b>BS-430</b> <sup>13</sup>	μmol/L	34.9	27.9	—	41.9	2.3	<b>BS-2800M</b> <sup>20</sup>	μmol/L	34.8	27.8	—	41.8	2.3
		μg/dL	195	156	—	234	13		μg/dL	195	155	—	234	13
	<b>BS-480</b> <sup>14</sup>	μmol/L	36.9	29.5	—	44.3	2.5							
		μg/dL	206	165	—	248	14							
<b>ASOII</b>	<b>BS-200E</b> <sup>4</sup>	IU/mL	258	167	—	349	30	<b>BS-480</b> <sup>14</sup>	IU/mL	258	167	—	349	30
	<b>BS-230</b> <sup>5</sup>	IU/mL	255	165	—	345	30	<b>BS-600</b> <sup>15</sup>	IU/mL	258	167	—	349	30
	<b>BS-240E</b> <sup>6</sup>	IU/mL	258	167	—	349	30	<b>BS-600M</b> <sup>16</sup>	IU/mL	251	163	—	339	29
	<b>BS-360E</b> <sup>10</sup>	IU/mL	258	167	—	349	30	<b>BS-620M</b> <sup>17</sup>	IU/mL	251	163	—	339	29
	<b>BS-380</b> <sup>11</sup>	IU/mL	258	167	—	349	30	<b>BS-800</b> <sup>18</sup>	IU/mL	258	167	—	349	30
	<b>BS-400</b> <sup>12</sup>	IU/mL	258	167	—	349	30	<b>BS-2000</b> <sup>19</sup>	IU/mL	258	167	—	349	30
	<b>BS-430</b> <sup>13</sup>	IU/mL	258	167	—	349	30	<b>BS-2800M</b> <sup>20</sup>	IU/mL	251	163	—	339	29
<b>FER</b>	<b>BS-200E</b> <sup>4</sup>	ng/mL	193	164	—	222	10	<b>BS-480</b> <sup>14</sup>	ng/mL	190	162	—	219	10
		pmol/L	434	369	—	499	22		pmol/L	427	364	—	492	22
	<b>BS-230</b> <sup>5</sup>	ng/mL	193	164	—	222	10	<b>BS-600</b> <sup>15</sup>	ng/mL	190	162	—	219	10
		pmol/L	434	369	—	499	22		pmol/L	427	364	—	492	22
	<b>BS-240E</b> <sup>6</sup>	ng/mL	190	162	—	219	10	<b>BS-600M</b> <sup>16</sup>	ng/mL	191	162	—	220	10
		pmol/L	427	364	—	492	22		pmol/L	429	364	—	494	22
	<b>BS-360E</b> <sup>10</sup>	ng/mL	190	162	—	219	10	<b>BS-620M</b> <sup>17</sup>	ng/mL	191	162	—	220	10
		pmol/L	427	364	—	492	22		pmol/L	429	364	—	494	22
	<b>BS-380</b> <sup>11</sup>	ng/mL	193	164	—	222	10	<b>BS-800</b> <sup>18</sup>	ng/mL	190	162	—	219	10
		pmol/L	434	369	—	499	22		pmol/L	427	364	—	492	22
	<b>BS-400</b> <sup>12</sup>	ng/mL	193	164	—	222	10	<b>BS-2000</b> <sup>19</sup>	ng/mL	189	161	—	217	9
		pmol/L	434	369	—	499	22		pmol/L	425	362	—	488	20
	<b>BS-430</b> <sup>13</sup>	ng/mL	190	162	—	219	10	<b>BS-2800M</b> <sup>20</sup>	ng/mL	191	162	—	220	10
		pmol/L	427	364	—	492	22		pmol/L	429	364	—	494	22
<b>HS-CRP</b> (Remark 5: The target value of HS- CRP in BS- 240 is only applicable to BS-240)	<b>BS-120</b> <sup>1</sup>	mg/L	/	/	—	/	/	<b>BS-380</b> <sup>11</sup>	mg/L	54.0	37.8	—	70.2	5.4
		nmol/L	/	/	—	/	/		nmol/L	514	360	—	668	51
	<b>BS-180</b> <sup>2</sup>	mg/L	/	/	—	/	/	<b>BS-400</b> <sup>12</sup>	mg/L	53.5	37.5	—	69.6	5.4
		nmol/L	/	/	—	/	/		nmol/L	509	357	—	663	51
	<b>BS-200</b> <sup>3</sup>	mg/L	/	/	—	/	/	<b>BS-430</b> <sup>13</sup>	mg/L	55.5	38.9	—	72.2	5.6
		nmol/L	/	/	—	/	/		nmol/L	528	370	—	687	53
	<b>BS-200E</b> <sup>4</sup>	mg/L	55.9	39.1	—	72.7	5.6	<b>BS-480</b> <sup>14</sup>	mg/L	53.8	37.7	—	69.9	5.4
		nmol/L	532	372	—	692	53		nmol/L	512	359	—	665	51
	<b>BS-230</b> <sup>5</sup>	mg/L	55.6	38.9	—	72.3	5.6	<b>BS-600</b> <sup>15</sup>	mg/L	53.8	37.7	—	69.9	5.4
		nmol/L	529	370	—	688	53		nmol/L	512	359	—	665	51
	<b>BS-240E</b> <sup>6</sup>	mg/L	57.2	40.0	—	74.4	5.7	<b>BS-600M</b> <sup>16</sup>	mg/L	54.1	37.9	—	70.3	5.4
		nmol/L	545	381	—	708	54		nmol/L	515	361	—	669	51
	<b>BS-300</b> <sup>7</sup>	mg/L	54.0	37.8	—	70.2	5.4	<b>BS-620M</b> <sup>17</sup>	mg/L	54.1	37.9	—	70.3	5.4
		nmol/L	514	360	—	668	51		nmol/L	515	361	—	669	51
<b>BS-330</b> <sup>8</sup>	mg/L	/	/	—	/	/	<b>BS-800</b> <sup>18</sup>	mg/L	53.8	37.7	—	69.9	5.4	
	nmol/L	/	/	—	/	/		nmol/L	512	359	—	665	51	
<b>BS-330E</b> <sup>9</sup>	mg/L	55.9	39.1	—	72.7	5.6	<b>BS-2000</b> <sup>19</sup>	mg/L	54.2	37.9	—	70.5	5.4	
	nmol/L	532	372	—	692	53		nmol/L	516	361	—	671	51	
<b>BS-360E</b> <sup>10</sup>	mg/L	53.8	37.7	—	69.9	5.4	<b>BS-2800M</b> <sup>20</sup>	mg/L	54.1	37.9	—	70.3	5.4	
	nmol/L	512	359	—	665	51		nmol/L	515	361	—	669	51	

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	3.17	2.69	—	3.65	0.16	BS-430 <sup>13</sup>	g/L	3.21	2.73	—	3.69	0.16
		μmol/L	39.9	33.9	—	46.0	2.0		μmol/L	40.4	34.4	—	46.5	2.0
	BS-180 <sup>2</sup>	g/L	/	/	—	/	/	BS-480 <sup>14</sup>	g/L	3.17	2.69	—	3.65	0.16
		μmol/L	/	/	—	/	/		μmol/L	39.9	33.9	—	46.0	2.0
	BS-200 <sup>3</sup>	g/L	3.09	2.63	—	3.55	0.15	BS-600 <sup>15</sup>	g/L	3.18	2.70	—	3.66	0.16
		μmol/L	38.9	33.1	—	44.7	1.9		μmol/L	40.1	34.0	—	46.1	2.0
	BS-200E <sup>4</sup>	g/L	3.17	2.69	—	3.65	0.16	BS-600M <sup>16</sup>	g/L	3.19	2.71	—	3.67	0.16
		μmol/L	39.9	33.9	—	46.0	2.0		μmol/L	40.2	34.1	—	46.2	2.0
	BS-230 <sup>5</sup>	g/L	3.17	2.69	—	3.65	0.16	BS-620M <sup>17</sup>	g/L	3.19	2.71	—	3.67	0.16
		μmol/L	39.9	33.9	—	46.0	2.0		μmol/L	40.2	34.1	—	46.2	2.0
	BS-240E <sup>6</sup>	g/L	3.15	2.68	—	3.62	0.16	BS-800 <sup>18</sup>	g/L	3.17	2.69	—	3.65	0.16
		μmol/L	39.7	33.8	—	45.6	2.0		μmol/L	39.9	33.9	—	46.0	2.0
	BS-360E <sup>10</sup>	g/L	3.17	2.69	—	3.65	0.16	BS-2000 <sup>19</sup>	g/L	3.09	2.63	—	3.55	0.15
		μmol/L	39.9	33.9	—	46.0	2.0		μmol/L	38.9	33.1	—	44.7	1.9
	BS-380 <sup>11</sup>	g/L	3.17	2.69	—	3.65	0.16	BS-2800M <sup>20</sup>	g/L	3.19	2.71	—	3.67	0.16
		μmol/L	39.9	33.9	—	46.0	2.0		μmol/L	40.2	34.1	—	46.2	2.0
BS-400 <sup>12</sup>	g/L	3.17	2.69	—	3.65	0.16								
	μmol/L	39.9	33.9	—	46.0	2.0								
Na <sup>+</sup>	BS-120 <sup>1</sup>	mmol/L	154	139	—	169	5	BS-380 <sup>11</sup>	mmol/L	154	139	—	169	5
	BS-180 <sup>2</sup>	mmol/L	154	139	—	169	5	BS-400 <sup>12</sup>	mmol/L	154	139	—	169	5
	BS-200 <sup>3</sup>	mmol/L	154	139	—	169	5	BS-430 <sup>13</sup>	mmol/L	150	135	—	165	5
	BS-200E <sup>4</sup>	mmol/L	154	139	—	169	5	BS-480 <sup>14</sup>	mmol/L	152	137	—	167	5
	BS-230 <sup>5</sup>	mmol/L	154	139	—	169	5	BS-600 <sup>15</sup>	mmol/L	147	132	—	162	5
	BS-240E <sup>6</sup>	mmol/L	149	134	—	164	5	BS-600M <sup>16</sup>	mmol/L	154	139	—	169	5
	BS-300 <sup>7</sup>	mmol/L	154	139	—	169	5	BS-620M <sup>17</sup>	mmol/L	154	139	—	169	5
	BS-330 <sup>8</sup>	mmol/L	154	139	—	169	5	BS-800 <sup>18</sup>	mmol/L	138	124	—	152	5
	BS-330E <sup>9</sup>	mmol/L	154	139	—	169	5	BS-2000 <sup>19</sup>	mmol/L	138	124	—	152	5
	BS-360E <sup>10</sup>	mmol/L	154	139	—	169	5	BS-2800M <sup>20</sup>	mmol/L	138	124	—	152	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	8.21	7.40	—	9.02	0.27
	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	7.85	7.07	—	8.63	0.26
	BS-200E <sup>4</sup>	mmol/L	8.21	7.40	—	9.02	0.27	BS-480 <sup>14</sup>	mmol/L	8.05	7.25	—	8.85	0.27
	BS-230 <sup>5</sup>	mmol/L	8.21	7.40	—	9.02	0.27	BS-600 <sup>15</sup>	mmol/L	7.79	7.02	—	8.56	0.26
	BS-240E <sup>6</sup>	mmol/L	7.54	6.79	—	8.29	0.25	BS-600M <sup>16</sup>	mmol/L	7.68	6.92	—	8.44	0.25
	BS-300 <sup>7</sup>	mmol/L	8.21	7.40	—	9.02	0.27	BS-620M <sup>17</sup>	mmol/L	7.68	6.92	—	8.44	0.25
	BS-330 <sup>8</sup>	mmol/L	8.21	7.40	—	9.02	0.27	BS-800 <sup>18</sup>	mmol/L	7.28	6.56	—	8.00	0.24
	BS-330E <sup>9</sup>	mmol/L	8.21	7.40	—	9.02	0.27	BS-2000 <sup>19</sup>	mmol/L	7.28	6.56	—	8.00	0.24
	BS-360E <sup>10</sup>	mmol/L	8.21	7.40	—	9.02	0.27	BS-2800M <sup>20</sup>	mmol/L	7.24	6.52	—	7.96	0.24
Cl <sup>-</sup>	BS-120 <sup>1</sup>	mmol/L	113	102	—	124	4	BS-380 <sup>11</sup>	mmol/L	113	102	—	124	4
	BS-180 <sup>2</sup>	mmol/L	113	102	—	124	4	BS-400 <sup>12</sup>	mmol/L	113	102	—	124	4
	BS-200 <sup>3</sup>	mmol/L	113	102	—	124	4	BS-430 <sup>13</sup>	mmol/L	114	103	—	125	4
	BS-200E <sup>4</sup>	mmol/L	113	102	—	124	4	BS-480 <sup>14</sup>	mmol/L	113	102	—	124	4
	BS-230 <sup>5</sup>	mmol/L	113	102	—	124	4	BS-600 <sup>15</sup>	mmol/L	111	100	—	122	4
	BS-240E <sup>6</sup>	mmol/L	112	101	—	123	4	BS-600M <sup>16</sup>	mmol/L	113	102	—	124	4
	BS-300 <sup>7</sup>	mmol/L	113	102	—	124	4	BS-620M <sup>17</sup>	mmol/L	113	102	—	124	4
	BS-330 <sup>8</sup>	mmol/L	113	102	—	124	4	BS-800 <sup>18</sup>	mmol/L	110	99	—	121	4
	BS-330E <sup>9</sup>	mmol/L	113	102	—	124	4	BS-2000 <sup>19</sup>	mmol/L	110	99	—	121	4
	BS-360E <sup>10</sup>	mmol/L	113	102	—	124	4	BS-2800M <sup>20</sup>	mmol/L	110	99	—	121	4