

## 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** : 059422007

: 2024-06-20

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	kisaltılmış 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	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-Hidroxitbutirato 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-glutamyltransferasi	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	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	45.2	38.4 — 52.0	2.3	<b>BS-380</b> <sup>11</sup>	g/L	45.7	38.8 — 52.6	2.3
		μmol/L	687	584 — 790	35		μmol/L	695	590 — 800	35
	<b>BS-180</b> <sup>2</sup>	g/L	45.2	38.4 — 52.0	2.3	<b>BS-400</b> <sup>12</sup>	g/L	46.1	39.2 — 53.0	2.3
		μmol/L	687	584 — 790	35		μmol/L	701	596 — 806	35
	<b>BS-200</b> <sup>3</sup>	g/L	45.8	38.9 — 52.7	2.3	<b>BS-430</b> <sup>13</sup>	g/L	46.9	39.9 — 53.9	2.3
		μmol/L	696	591 — 801	35		μmol/L	713	606 — 819	35
	<b>BS-200E</b> <sup>4</sup>	g/L	45.8	38.9 — 52.7	2.3	<b>BS-480</b> <sup>14</sup>	g/L	47.2	40.1 — 54.3	2.4
		μmol/L	696	591 — 801	35		μmol/L	717	610 — 825	36
	<b>BS-230</b> <sup>5</sup>	g/L	46.7	39.7 — 53.7	2.3	<b>BS-600</b> <sup>15</sup>	g/L	46.3	39.4 — 53.2	2.3
		μmol/L	710	603 — 816	35		μmol/L	704	599 — 809	35
	<b>BS-240E</b> <sup>6</sup>	g/L	45.5	38.7 — 52.3	2.3	<b>BS-600M</b> <sup>16</sup>	g/L	47.7	40.5 — 54.9	2.4
		μmol/L	692	588 — 795	35		μmol/L	725	616 — 834	36
	<b>BS-300</b> <sup>7</sup>	g/L	47.2	40.1 — 54.3	2.4	<b>BS-620M</b> <sup>17</sup>	g/L	47.7	40.5 — 54.9	2.4
		μmol/L	717	610 — 825	36		μmol/L	725	616 — 834	36
	<b>BS-330</b> <sup>8</sup>	g/L	45.8	38.9 — 52.7	2.3	<b>BS-800</b> <sup>18</sup>	g/L	46.3	39.4 — 53.2	2.3
		μmol/L	696	591 — 801	35		μmol/L	704	599 — 809	35
	<b>BS-330E</b> <sup>9</sup>	g/L	45.8	38.9 — 52.7	2.3	<b>BS-2000</b> <sup>19</sup>	g/L	46.5	39.5 — 53.5	2.3
		μmol/L	696	591 — 801	35		μmol/L	707	600 — 813	35
	<b>BS-360E</b> <sup>10</sup>	g/L	44.8	38.1 — 51.5	2.2	<b>BS-2800M</b> <sup>20</sup>	g/L	47.7	40.5 — 54.9	2.4
		μmol/L	681	579 — 783	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		
ALP	BS-120 <sup>1</sup>	U/L	242	206	—	278	12	BS-380 <sup>11</sup>	U/L	243	207	—	279	12
		µkat/L	4.04	3.44	—	4.64	0.20		µkat/L	4.06	3.46	—	4.66	0.20
	BS-180 <sup>2</sup>	U/L	242	206	—	278	12	BS-400 <sup>12</sup>	U/L	243	207	—	279	12
		µkat/L	4.04	3.44	—	4.64	0.20		µkat/L	4.06	3.46	—	4.66	0.20
	BS-200 <sup>3</sup>	U/L	236	201	—	271	12	BS-430 <sup>13</sup>	U/L	245	208	—	282	12
		µkat/L	3.94	3.36	—	4.53	0.20		µkat/L	4.09	3.47	—	4.71	0.20
	BS-200E <sup>4</sup>	U/L	252	214	—	290	13	BS-480 <sup>14</sup>	U/L	244	207	—	281	12
		µkat/L	4.21	3.57	—	4.84	0.22		µkat/L	4.07	3.46	—	4.69	0.20
	BS-230 <sup>5</sup>	U/L	240	204	—	276	12	BS-600 <sup>15</sup>	U/L	243	207	—	279	12
		µkat/L	4.01	3.41	—	4.61	0.20		µkat/L	4.06	3.46	—	4.66	0.20
	BS-240E <sup>6</sup>	U/L	241	205	—	277	12	BS-600M <sup>16</sup>	U/L	247	210	—	284	12
		µkat/L	4.02	3.42	—	4.63	0.20		µkat/L	4.12	3.51	—	4.74	0.20
	BS-300 <sup>7</sup>	U/L	248	211	—	285	12	BS-620M <sup>17</sup>	U/L	247	210	—	284	12
		µkat/L	4.14	3.52	—	4.76	0.20		µkat/L	4.12	3.51	—	4.74	0.20
	BS-330 <sup>8</sup>	U/L	236	201	—	271	12	BS-800 <sup>18</sup>	U/L	243	207	—	279	12
		µkat/L	3.94	3.36	—	4.53	0.20		µkat/L	4.06	3.46	—	4.66	0.20
	BS-330E <sup>9</sup>	U/L	252	214	—	290	13	BS-2000 <sup>19</sup>	U/L	245	208	—	282	12
		µkat/L	4.21	3.57	—	4.84	0.22		µkat/L	4.09	3.47	—	4.71	0.20
	BS-360E <sup>10</sup>	U/L	240	204	—	276	12	BS-2800M <sup>20</sup>	U/L	245	208	—	282	12
		µkat/L	4.01	3.41	—	4.61	0.20		µkat/L	4.09	3.47	—	4.71	0.20
ALT	BS-120 <sup>1</sup>	U/L	143	122	—	164	7	BS-380 <sup>11</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
	BS-180 <sup>2</sup>	U/L	143	122	—	164	7	BS-400 <sup>12</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
	BS-200 <sup>3</sup>	U/L	143	122	—	164	7	BS-430 <sup>13</sup>	U/L	142	121	—	163	7
		µkat/L	2.39	2.04	—	2.74	0.12		µkat/L	2.37	2.02	—	2.72	0.12
	BS-200E <sup>4</sup>	U/L	145	123	—	167	7	BS-480 <sup>14</sup>	U/L	142	121	—	163	7
		µkat/L	2.42	2.05	—	2.79	0.12		µkat/L	2.37	2.02	—	2.72	0.12
	BS-230 <sup>5</sup>	U/L	142	121	—	163	7	BS-600 <sup>15</sup>	U/L	142	121	—	163	7
		µkat/L	2.37	2.02	—	2.72	0.12		µkat/L	2.37	2.02	—	2.72	0.12
	BS-240E <sup>6</sup>	U/L	142	121	—	163	7	BS-600M <sup>16</sup>	U/L	142	121	—	163	7
		µkat/L	2.37	2.02	—	2.72	0.12		µkat/L	2.37	2.02	—	2.72	0.12
	BS-300 <sup>7</sup>	U/L	144	122	—	166	7	BS-620M <sup>17</sup>	U/L	142	121	—	163	7
		µkat/L	2.40	2.04	—	2.77	0.12		µkat/L	2.37	2.02	—	2.72	0.12
	BS-330 <sup>8</sup>	U/L	143	122	—	164	7	BS-800 <sup>18</sup>	U/L	142	121	—	163	7
		µkat/L	2.39	2.04	—	2.74	0.12		µkat/L	2.37	2.02	—	2.72	0.12
	BS-330E <sup>9</sup>	U/L	145	123	—	167	7	BS-2000 <sup>19</sup>	U/L	141	120	—	162	7
		µkat/L	2.42	2.05	—	2.79	0.12		µkat/L	2.35	2.00	—	2.71	0.12
	BS-360E <sup>10</sup>	U/L	142	121	—	163	7	BS-2800M <sup>20</sup>	U/L	142	121	—	163	7
		µkat/L	2.37	2.02	—	2.72	0.12		µkat/L	2.37	2.02	—	2.72	0.12
α-AMY	BS-120 <sup>1</sup>	U/L	282	240	—	324	14	BS-380 <sup>11</sup>	U/L	288	245	—	331	14
		µkat/L	4.71	4.01	—	5.41	0.23		µkat/L	4.81	4.09	—	5.53	0.23
	BS-180 <sup>2</sup>	U/L	282	240	—	324	14	BS-400 <sup>12</sup>	U/L	288	245	—	331	14
		µkat/L	4.71	4.01	—	5.41	0.23		µkat/L	4.81	4.09	—	5.53	0.23
	BS-200 <sup>3</sup>	U/L	281	239	—	323	14	BS-430 <sup>13</sup>	U/L	288	245	—	331	14
		µkat/L	4.69	3.99	—	5.39	0.23		µkat/L	4.81	4.09	—	5.53	0.23
	BS-200E <sup>4</sup>	U/L	291	247	—	335	15	BS-480 <sup>14</sup>	U/L	289	246	—	332	14
		µkat/L	4.86	4.12	—	5.59	0.25		µkat/L	4.83	4.11	—	5.54	0.23
	BS-230 <sup>5</sup>	U/L	289	246	—	332	14	BS-600 <sup>15</sup>	U/L	284	241	—	327	14
		µkat/L	4.83	4.11	—	5.54	0.23		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	289	246	—	332	14
		µkat/L	4.74	4.02	—	5.46	0.23		µkat/L	4.83	4.11	—	5.54	0.23
	BS-300 <sup>7</sup>	U/L	293	249	—	337	15	BS-620M <sup>17</sup>	U/L	289	246	—	332	14
		µkat/L	4.89	4.16	—	5.63	0.25		µkat/L	4.83	4.11	—	5.54	0.23
	BS-330 <sup>8</sup>	U/L	281	239	—	323	14	BS-800 <sup>18</sup>	U/L	287	244	—	330	14
		µkat/L	4.69	3.99	—	5.39	0.23		µkat/L	4.79	4.07	—	5.51	0.23
	BS-330E <sup>9</sup>	U/L	291	247	—	335	15	BS-2000 <sup>19</sup>	U/L	288	245	—	331	14
		µkat/L	4.86	4.12	—	5.59	0.25		µkat/L	4.81	4.09	—	5.53	0.23
	BS-360E <sup>10</sup>	U/L	285	242	—	328	14	BS-2800M <sup>20</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

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	152	129	—	175	8	BS-380 <sup>11</sup>	U/L	154	131	—	177	8
		μkat/L	2.54	2.15	—	2.92	0.13		μkat/L	2.57	2.19	—	2.96	0.13
	BS-180 <sup>2</sup>	U/L	152	129	—	175	8	BS-400 <sup>12</sup>	U/L	154	131	—	177	8
		μkat/L	2.54	2.15	—	2.92	0.13		μkat/L	2.57	2.19	—	2.96	0.13
	BS-200 <sup>3</sup>	U/L	153	130	—	176	8	BS-430 <sup>13</sup>	U/L	154	131	—	177	8
		μkat/L	2.56	2.17	—	2.94	0.13		μkat/L	2.57	2.19	—	2.96	0.13
	BS-200E <sup>4</sup>	U/L	160	136	—	184	8	BS-480 <sup>14</sup>	U/L	154	131	—	177	8
		μkat/L	2.67	2.27	—	3.07	0.13		μkat/L	2.57	2.19	—	2.96	0.13
	BS-230 <sup>5</sup>	U/L	153	130	—	176	8	BS-600 <sup>15</sup>	U/L	154	131	—	177	8
		μkat/L	2.56	2.17	—	2.94	0.13		μkat/L	2.57	2.19	—	2.96	0.13
	BS-240E <sup>6</sup>	U/L	154	131	—	177	8	BS-600M <sup>16</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-300 <sup>7</sup>	U/L	154	131	—	177	8	BS-620M <sup>17</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-330 <sup>8</sup>	U/L	153	130	—	176	8	BS-800 <sup>18</sup>	U/L	154	131	—	177	8
		μkat/L	2.56	2.17	—	2.94	0.13		μkat/L	2.57	2.19	—	2.96	0.13
	BS-330E <sup>9</sup>	U/L	160	136	—	184	8	BS-2000 <sup>19</sup>	U/L	153	130	—	176	8
		μkat/L	2.67	2.27	—	3.07	0.13		μkat/L	2.56	2.17	—	2.94	0.13
	BS-360E <sup>10</sup>	U/L	154	131	—	177	8	BS-2800M <sup>20</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
<b>Bil-D (DSA) II</b>	BS-120 <sup>1</sup>	μmol/L	44.7	34.6	—	54.8	3.4	BS-380 <sup>11</sup>	μmol/L	44.7	34.6	—	54.8	3.4
		mg/dL	2.61	2.02	—	3.20	0.20		mg/dL	2.61	2.02	—	3.20	0.20
	BS-180 <sup>2</sup>	μmol/L	44.7	34.6	—	54.8	3.4	BS-400 <sup>12</sup>	μmol/L	44.0	34.1	—	53.9	3.3
		mg/dL	2.61	2.02	—	3.20	0.20		mg/dL	2.57	1.99	—	3.15	0.19
	BS-200 <sup>3</sup>	μmol/L	45.0	34.9	—	55.1	3.4	BS-430 <sup>13</sup>	μmol/L	45.1	35.0	—	55.2	3.4
		mg/dL	2.63	2.04	—	3.22	0.20		mg/dL	2.64	2.05	—	3.23	0.20
	BS-200E <sup>4</sup>	μmol/L	44.7	34.6	—	54.8	3.4	BS-480 <sup>14</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-230 <sup>5</sup>	μmol/L	44.5	34.5	—	54.5	3.3	BS-600 <sup>15</sup>	μmol/L	44.3	34.3	—	54.3	3.3
		mg/dL	2.60	2.02	—	3.19	0.19		mg/dL	2.59	2.01	—	3.18	0.19
	BS-240E <sup>6</sup>	μmol/L	44.7	34.6	—	54.8	3.4	BS-600M <sup>16</sup>	μmol/L	44.3	34.3	—	54.3	3.3
		mg/dL	2.61	2.02	—	3.20	0.20		mg/dL	2.59	2.01	—	3.18	0.19
	BS-300 <sup>7</sup>	μmol/L	44.3	34.3	—	54.3	3.3	BS-620M <sup>17</sup>	μmol/L	44.3	34.3	—	54.3	3.3
		mg/dL	2.59	2.01	—	3.18	0.19		mg/dL	2.59	2.01	—	3.18	0.19
	BS-330 <sup>8</sup>	μmol/L	45.0	34.9	—	55.1	3.4	BS-800 <sup>18</sup>	μmol/L	45.1	35.0	—	55.2	3.4
		mg/dL	2.63	2.04	—	3.22	0.20		mg/dL	2.64	2.05	—	3.23	0.20
	BS-330E <sup>9</sup>	μmol/L	44.7	34.6	—	54.8	3.4	BS-2000 <sup>19</sup>	μmol/L	44.4	34.4	—	54.4	3.3
		mg/dL	2.61	2.02	—	3.20	0.20		mg/dL	2.60	2.01	—	3.18	0.19
	BS-360E <sup>10</sup>	μmol/L	44.4	34.4	—	54.4	3.3	BS-2800M <sup>20</sup>	μmol/L	45.3	35.1	—	55.5	3.4
		mg/dL	2.60	2.01	—	3.18	0.19		mg/dL	2.65	2.05	—	3.25	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	32.3	25.0	—	39.6	2.4
		mg/dL	1.91	1.48	—	2.33	0.14		mg/dL	1.89	1.46	—	2.32	0.14
	BS-180 <sup>2</sup>	μmol/L	32.6	25.3	—	39.9	2.4	BS-400 <sup>12</sup>	μmol/L	32.2	25.0	—	39.4	2.4
		mg/dL	1.91	1.48	—	2.33	0.14		mg/dL	1.88	1.46	—	2.30	0.14
	BS-200 <sup>3</sup>	μmol/L	31.9	24.7	—	39.1	2.4	BS-430 <sup>13</sup>	μmol/L	32.6	25.3	—	39.9	2.4
		mg/dL	1.87	1.44	—	2.29	0.14		mg/dL	1.91	1.48	—	2.33	0.14
	BS-200E <sup>4</sup>	μmol/L	32.9	25.5	—	40.3	2.5	BS-480 <sup>14</sup>	μmol/L	31.8	24.6	—	39.0	2.4
		mg/dL	1.92	1.49	—	2.36	0.15		mg/dL	1.86	1.44	—	2.28	0.14
	BS-230 <sup>5</sup>	μmol/L	33.4	25.9	—	40.9	2.5	BS-600 <sup>15</sup>	μmol/L	32.6	25.3	—	39.9	2.4
		mg/dL	1.95	1.51	—	2.39	0.15		mg/dL	1.91	1.48	—	2.33	0.14
	BS-240E <sup>6</sup>	μmol/L	32.2	25.0	—	39.4	2.4	BS-600M <sup>16</sup>	μmol/L	32.7	25.3	—	40.1	2.5
		mg/dL	1.88	1.46	—	2.30	0.14		mg/dL	1.91	1.48	—	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	32.7	25.3	—	40.1	2.5
		mg/dL	1.89	1.46	—	2.32	0.14		mg/dL	1.91	1.48	—	2.35	0.15
	BS-330 <sup>8</sup>	μmol/L	31.9	24.7	—	39.1	2.4	BS-800 <sup>18</sup>	μmol/L	32.5	25.2	—	39.8	2.4
		mg/dL	1.87	1.44	—	2.29	0.14		mg/dL	1.90	1.47	—	2.33	0.14
	BS-330E <sup>9</sup>	μmol/L	32.9	25.5	—	40.3	2.5	BS-2000 <sup>19</sup>	μmol/L	32.3	25.0	—	39.6	2.4
		mg/dL	1.92	1.49	—	2.36	0.15		mg/dL	1.89	1.46	—	2.32	0.14
	BS-360E <sup>10</sup>	μmol/L	32.2	25.0	—	39.4	2.4	BS-2800M <sup>20</sup>	μmol/L	32.7	25.3	—	40.1	2.5
		mg/dL	1.88	1.46	—	2.30	0.14		mg/dL	1.91	1.48	—	2.35	0.15

Note: This reference value is only applicable to 140721004 and subsequent batch reagents

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	37.6	29.1	—	46.1	2.8	BS-380 <sup>11</sup>	μmol/L	37.8	29.3	—	46.3	2.8
		mg/dL	2.20	1.70	—	2.70	0.16		mg/dL	2.21	1.71	—	2.71	0.16
	BS-180 <sup>2</sup>	μmol/L	37.6	29.1	—	46.1	2.8	BS-400 <sup>12</sup>	μmol/L	37.8	29.3	—	46.3	2.8
		mg/dL	2.20	1.70	—	2.70	0.16		mg/dL	2.21	1.71	—	2.71	0.16
	BS-200 <sup>3</sup>	μmol/L	37.6	29.1	—	46.1	2.8	BS-430 <sup>13</sup>	μmol/L	38.5	29.8	—	47.2	2.9
		mg/dL	2.20	1.70	—	2.70	0.16		mg/dL	2.25	1.74	—	2.76	0.17
	BS-200E <sup>4</sup>	μmol/L	38.5	29.8	—	47.2	2.9	BS-480 <sup>14</sup>	μmol/L	37.9	29.4	—	46.4	2.8
		mg/dL	2.25	1.74	—	2.76	0.17		mg/dL	2.22	1.72	—	2.71	0.16
	BS-230 <sup>5</sup>	μmol/L	37.9	29.4	—	46.4	2.8	BS-600 <sup>15</sup>	μmol/L	38.5	29.8	—	47.2	2.9
		mg/dL	2.22	1.72	—	2.71	0.16		mg/dL	2.25	1.74	—	2.76	0.17
	BS-240E <sup>6</sup>	μmol/L	38.5	29.8	—	47.2	2.9	BS-600M <sup>16</sup>	μmol/L	38.7	30.0	—	47.4	2.9
		mg/dL	2.25	1.74	—	2.76	0.17		mg/dL	2.26	1.75	—	2.77	0.17
	BS-300 <sup>7</sup>	μmol/L	37.8	29.3	—	46.3	2.8	BS-620M <sup>17</sup>	μmol/L	38.7	30.0	—	47.4	2.9
		mg/dL	2.21	1.71	—	2.71	0.16		mg/dL	2.26	1.75	—	2.77	0.17
	BS-330 <sup>8</sup>	μmol/L	37.6	29.1	—	46.1	2.8	BS-800 <sup>18</sup>	μmol/L	38.5	29.8	—	47.2	2.9
		mg/dL	2.20	1.70	—	2.70	0.16		mg/dL	2.25	1.74	—	2.76	0.17
	BS-330E <sup>9</sup>	μmol/L	38.5	29.8	—	47.2	2.9	BS-2000 <sup>19</sup>	μmol/L	39.4	30.5	—	48.3	3.0
		mg/dL	2.25	1.74	—	2.76	0.17		mg/dL	2.30	1.78	—	2.82	0.18
	BS-360E <sup>10</sup>	μmol/L	38.5	29.8	—	47.2	2.9	BS-2800M <sup>20</sup>	μmol/L	38.7	30.0	—	47.4	2.9
		mg/dL	2.25	1.74	—	2.76	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	67.3	52.2	—	82.4	5.0	BS-380 <sup>11</sup>	μmol/L	68.7	53.2	—	84.2	5.2
		mg/dL	3.94	3.05	—	4.82	0.29		mg/dL	4.02	3.11	—	4.92	0.30
	BS-180 <sup>2</sup>	μmol/L	67.3	52.2	—	82.4	5.0	BS-400 <sup>12</sup>	μmol/L	68.7	53.2	—	84.2	5.2
		mg/dL	3.94	3.05	—	4.82	0.29		mg/dL	4.02	3.11	—	4.92	0.30
	BS-200 <sup>3</sup>	μmol/L	65.8	51.0	—	80.6	4.9	BS-430 <sup>13</sup>	μmol/L	70.3	54.5	—	86.1	5.3
		mg/dL	3.85	2.98	—	4.71	0.29		mg/dL	4.11	3.19	—	5.04	0.31
	BS-200E <sup>4</sup>	μmol/L	68.7	53.2	—	84.2	5.2	BS-480 <sup>14</sup>	μmol/L	68.4	53.0	—	83.8	5.1
		mg/dL	4.02	3.11	—	4.92	0.30		mg/dL	4.00	3.10	—	4.90	0.30
	BS-230 <sup>5</sup>	μmol/L	67.6	52.4	—	82.8	5.1	BS-600 <sup>15</sup>	μmol/L	70.3	54.5	—	86.1	5.3
		mg/dL	3.95	3.06	—	4.84	0.30		mg/dL	4.11	3.19	—	5.04	0.31
	BS-240E <sup>6</sup>	μmol/L	68.8	53.3	—	84.3	5.2	BS-600M <sup>16</sup>	μmol/L	70.2	54.4	—	86.0	5.3
		mg/dL	4.02	3.12	—	4.93	0.30		mg/dL	4.11	3.18	—	5.03	0.31
	BS-300 <sup>7</sup>	μmol/L	68.7	53.2	—	84.2	5.2	BS-620M <sup>17</sup>	μmol/L	70.2	54.4	—	86.0	5.3
		mg/dL	4.02	3.11	—	4.92	0.30		mg/dL	4.11	3.18	—	5.03	0.31
	BS-330 <sup>8</sup>	μmol/L	65.8	51.0	—	80.6	4.9	BS-800 <sup>18</sup>	μmol/L	70.3	54.5	—	86.1	5.3
		mg/dL	3.85	2.98	—	4.71	0.29		mg/dL	4.11	3.19	—	5.04	0.31
	BS-330E <sup>9</sup>	μmol/L	68.7	53.2	—	84.2	5.2	BS-2000 <sup>19</sup>	μmol/L	69.8	54.1	—	85.5	5.2
		mg/dL	4.02	3.11	—	4.92	0.30		mg/dL	4.08	3.16	—	5.00	0.30
	BS-360E <sup>10</sup>	μmol/L	70.3	54.5	—	86.1	5.3	BS-2800M <sup>20</sup>	μmol/L	70.2	54.4	—	86.0	5.3
		mg/dL	4.11	3.19	—	5.04	0.31		mg/dL	4.11	3.18	—	5.03	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	64.0	49.6	—	78.4	4.8
		mg/dL	3.77	2.92	—	4.61	0.28		mg/dL	3.74	2.90	—	4.58	0.28
	BS-180 <sup>2</sup>	μmol/L	64.4	49.9	—	78.9	4.8	BS-400 <sup>12</sup>	μmol/L	64.0	49.6	—	78.4	4.8
		mg/dL	3.77	2.92	—	4.61	0.28		mg/dL	3.74	2.90	—	4.58	0.28
	BS-200 <sup>3</sup>	μmol/L	64.4	49.9	—	78.9	4.8	BS-430 <sup>13</sup>	μmol/L	63.9	49.5	—	78.3	4.8
		mg/dL	3.77	2.92	—	4.61	0.28		mg/dL	3.74	2.89	—	4.58	0.28
	BS-200E <sup>4</sup>	μmol/L	64.0	49.6	—	78.4	4.8	BS-480 <sup>14</sup>	μmol/L	63.9	49.5	—	78.3	4.8
		mg/dL	3.74	2.90	—	4.58	0.28		mg/dL	3.74	2.89	—	4.58	0.28
	BS-230 <sup>5</sup>	μmol/L	63.5	49.2	—	77.8	4.8	BS-600 <sup>15</sup>	μmol/L	63.9	49.5	—	78.3	4.8
		mg/dL	3.71	2.88	—	4.55	0.28		mg/dL	3.74	2.89	—	4.58	0.28
	BS-240E <sup>6</sup>	μmol/L	63.9	49.5	—	78.3	4.8	BS-600M <sup>16</sup>	μmol/L	63.6	49.3	—	77.9	4.8
		mg/dL	3.74	2.89	—	4.58	0.28		mg/dL	3.72	2.88	—	4.56	0.28
	BS-300 <sup>7</sup>	μmol/L	64.0	49.6	—	78.4	4.8	BS-620M <sup>17</sup>	μmol/L	63.6	49.3	—	77.9	4.8
		mg/dL	3.74	2.90	—	4.59	0.28		mg/dL	3.72	2.88	—	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	63.9	49.5	—	78.3	4.8
		mg/dL	3.77	2.92	—	4.61	0.28		mg/dL	3.74	2.89	—	4.58	0.28
	BS-330E <sup>9</sup>	μmol/L	64.0	49.6	—	78.4	4.8	BS-2000 <sup>19</sup>	μmol/L	64.0	49.6	—	78.4	4.8
		mg/dL	3.74	2.90	—	4.58	0.28		mg/dL	3.74	2.90	—	4.58	0.28
	BS-360E <sup>10</sup>	μmol/L	63.9	49.5	—	78.3	4.8	BS-2800M <sup>20</sup>	μmol/L	63.6	49.3	—	77.9	4.8
		mg/dL	3.74	2.90	—	4.58	0.28		mg/dL	3.72	2.88	—	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	3.19	2.83	—	3.55	0.12	<b>BS-380</b> <sup>11</sup>	mmol/L	3.45	3.06	—	3.84	0.13
		mg/dL	12.8	11.3	—	14.2	0.5		mg/dL	13.8	12.3	—	15.4	0.5
	<b>BS-180</b> <sup>2</sup>	mmol/L	3.19	2.83	—	3.55	0.12	<b>BS-400</b> <sup>12</sup>	mmol/L	3.40	3.01	—	3.79	0.13
		mg/dL	12.8	11.3	—	14.2	0.5		mg/dL	13.6	12.1	—	15.2	0.5
	<b>BS-200</b> <sup>3</sup>	mmol/L	3.29	2.91	—	3.67	0.13	<b>BS-430</b> <sup>13</sup>	mmol/L	3.37	2.99	—	3.75	0.13
		mg/dL	13.2	11.7	—	14.7	0.5		mg/dL	13.5	12.0	—	15.0	0.5
	<b>BS-200E</b> <sup>4</sup>	mmol/L	3.34	2.96	—	3.72	0.13	<b>BS-480</b> <sup>14</sup>	mmol/L	3.32	2.94	—	3.70	0.13
		mg/dL	13.4	11.9	—	14.9	0.5		mg/dL	13.3	11.8	—	14.8	0.5
	<b>BS-230</b> <sup>5</sup>	mmol/L	3.31	2.93	—	3.69	0.13	<b>BS-600</b> <sup>15</sup>	mmol/L	3.33	2.95	—	3.71	0.13
		mg/dL	13.3	11.7	—	14.8	0.5		mg/dL	13.4	11.8	—	14.9	0.5
	<b>BS-240E</b> <sup>6</sup>	mmol/L	3.28	2.91	—	3.65	0.12	<b>BS-600M</b> <sup>16</sup>	mmol/L	3.32	2.94	—	3.70	0.13
		mg/dL	13.2	11.7	—	14.6	0.5		mg/dL	13.3	11.8	—	14.8	0.5
	<b>BS-300</b> <sup>7</sup>	mmol/L	3.31	2.93	—	3.69	0.13	<b>BS-620M</b> <sup>17</sup>	mmol/L	3.32	2.94	—	3.70	0.13
		mg/dL	13.3	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	3.29	2.91	—	3.67	0.13	<b>BS-800</b> <sup>18</sup>	mmol/L	3.36	2.98	—	3.74	0.13
		mg/dL	13.2	11.7	—	14.7	0.5		mg/dL	13.5	11.9	—	15.0	0.5
	<b>BS-330E</b> <sup>9</sup>	mmol/L	3.34	2.96	—	3.72	0.13	<b>BS-2000</b> <sup>19</sup>	mmol/L	3.34	2.96	—	3.72	0.13
		mg/dL	13.4	11.9	—	14.9	0.5		mg/dL	13.4	11.9	—	14.9	0.5
	<b>BS-360E</b> <sup>10</sup>	mmol/L	3.32	2.94	—	3.70	0.13	<b>BS-2800M</b> <sup>20</sup>	mmol/L	3.31	2.93	—	3.69	0.13
		mg/dL	13.3	11.8	—	14.8	0.5		mg/dL	13.3	11.7	—	14.8	0.5
<b>TC</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	4.42	3.82	—	5.02	0.20	<b>BS-380</b> <sup>11</sup>	mmol/L	4.39	3.80	—	4.98	0.20
		mg/dL	171	148	—	194	8		mg/dL	170	147	—	193	8
	<b>BS-180</b> <sup>2</sup>	mmol/L	4.42	3.82	—	5.02	0.20	<b>BS-400</b> <sup>12</sup>	mmol/L	4.39	3.80	—	4.98	0.20
		mg/dL	171	148	—	194	8		mg/dL	170	147	—	193	8
	<b>BS-200</b> <sup>3</sup>	mmol/L	4.39	3.80	—	4.98	0.20	<b>BS-430</b> <sup>13</sup>	mmol/L	4.29	3.71	—	4.87	0.19
		mg/dL	170	147	—	193	8		mg/dL	166	143	—	188	7
	<b>BS-200E</b> <sup>4</sup>	mmol/L	4.39	3.80	—	4.98	0.20	<b>BS-480</b> <sup>14</sup>	mmol/L	4.29	3.71	—	4.87	0.19
		mg/dL	170	147	—	193	8		mg/dL	166	143	—	188	7
	<b>BS-230</b> <sup>5</sup>	mmol/L	4.45	3.85	—	5.05	0.20	<b>BS-600</b> <sup>15</sup>	mmol/L	4.29	3.71	—	4.87	0.19
		mg/dL	172	149	—	195	8		mg/dL	166	143	—	188	7
	<b>BS-240E</b> <sup>6</sup>	mmol/L	4.41	3.81	—	5.01	0.20	<b>BS-600M</b> <sup>16</sup>	mmol/L	4.43	3.83	—	5.03	0.20
		mg/dL	170	147	—	194	8		mg/dL	171	148	—	194	8
	<b>BS-300</b> <sup>7</sup>	mmol/L	4.44	3.84	—	5.04	0.20	<b>BS-620M</b> <sup>17</sup>	mmol/L	4.43	3.83	—	5.03	0.20
		mg/dL	172	148	—	195	8		mg/dL	171	148	—	194	8
	<b>BS-330</b> <sup>8</sup>	mmol/L	4.39	3.80	—	4.98	0.20	<b>BS-800</b> <sup>18</sup>	mmol/L	4.29	3.71	—	4.87	0.19
		mg/dL	170	147	—	193	8		mg/dL	166	143	—	188	7
	<b>BS-330E</b> <sup>9</sup>	mmol/L	4.39	3.80	—	4.98	0.20	<b>BS-2000</b> <sup>19</sup>	mmol/L	4.40	3.81	—	4.99	0.20
		mg/dL	170	147	—	193	8		mg/dL	170	147	—	193	8
	<b>BS-360E</b> <sup>10</sup>	mmol/L	4.34	3.75	—	4.93	0.20	<b>BS-2800M</b> <sup>20</sup>	mmol/L	4.43	3.83	—	5.03	0.20
		mg/dL	168	145	—	191	8		mg/dL	171	148	—	194	8
<b>HDL-C</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	1.58	1.22	—	1.94	0.12	<b>BS-380</b> <sup>11</sup>	mmol/L	1.57	1.22	—	1.92	0.12
		mg/dL	61.1	47.2	—	75.0	4.6		mg/dL	60.7	47.2	—	74.2	4.6
	<b>BS-180</b> <sup>2</sup>	mmol/L	1.58	1.22	—	1.94	0.12	<b>BS-400</b> <sup>12</sup>	mmol/L	1.58	1.22	—	1.94	0.12
		mg/dL	61.1	47.2	—	75.0	4.6		mg/dL	61.1	47.2	—	75.0	4.6
	<b>BS-200</b> <sup>3</sup>	mmol/L	1.54	1.19	—	1.89	0.12	<b>BS-430</b> <sup>13</sup>	mmol/L	1.55	1.20	—	1.90	0.12
		mg/dL	59.5	46.0	—	73.1	4.6		mg/dL	59.9	46.4	—	73.5	4.6
	<b>BS-200E</b> <sup>4</sup>	mmol/L	1.53	1.19	—	1.87	0.11	<b>BS-480</b> <sup>14</sup>	mmol/L	1.54	1.19	—	1.89	0.12
		mg/dL	59.1	46.0	—	72.3	4.3		mg/dL	59.5	46.0	—	73.1	4.6
	<b>BS-230</b> <sup>5</sup>	mmol/L	1.58	1.22	—	1.94	0.12	<b>BS-600</b> <sup>15</sup>	mmol/L	1.57	1.22	—	1.92	0.12
		mg/dL	61.1	47.2	—	75.0	4.6		mg/dL	60.7	47.2	—	74.2	4.6
	<b>BS-240E</b> <sup>6</sup>	mmol/L	1.52	1.18	—	1.86	0.11	<b>BS-600M</b> <sup>16</sup>	mmol/L	1.55	1.20	—	1.90	0.12
		mg/dL	58.8	45.6	—	71.9	4.3		mg/dL	59.9	46.4	—	73.5	4.6
	<b>BS-300</b> <sup>7</sup>	mmol/L	1.58	1.22	—	1.94	0.12	<b>BS-620M</b> <sup>17</sup>	mmol/L	1.55	1.20	—	1.90	0.12
		mg/dL	61.1	47.2	—	75.0	4.6		mg/dL	59.9	46.4	—	73.5	4.6
	<b>BS-330</b> <sup>8</sup>	mmol/L	1.54	1.19	—	1.89	0.12	<b>BS-800</b> <sup>18</sup>	mmol/L	1.57	1.22	—	1.92	0.12
		mg/dL	59.5	46.0	—	73.1	4.6		mg/dL	60.7	47.2	—	74.2	4.6
	<b>BS-330E</b> <sup>9</sup>	mmol/L	1.53	1.19	—	1.87	0.11	<b>BS-2000</b> <sup>19</sup>	mmol/L	1.53	1.19	—	1.87	0.11
		mg/dL	59.1	46.0	—	72.3	4.3		mg/dL	59.1	46.0	—	72.3	4.3
	<b>BS-360E</b> <sup>10</sup>	mmol/L	1.50	1.16	—	1.84	0.11	<b>BS-2800M</b> <sup>20</sup>	mmol/L	1.52	1.18	—	1.86	0.11
		mg/dL	58.0	44.8	—	71.1	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	2.47	1.91	—	3.03	0.19	BS-380 <sup>11</sup>	mmol/L	2.62	2.03	—	3.21	0.20
		mg/dL	95.5	73.8	—	117.1	7.3		mg/dL	101	78	—	124	8
	BS-180 <sup>2</sup>	mmol/L	2.47	1.91	—	3.03	0.19	BS-400 <sup>12</sup>	mmol/L	2.63	2.04	—	3.22	0.20
		mg/dL	95.5	73.8	—	117.1	7.3		mg/dL	102	79	—	124	8
	BS-200 <sup>3</sup>	mmol/L	2.58	2.00	—	3.16	0.19	BS-430 <sup>13</sup>	mmol/L	2.60	2.02	—	3.19	0.20
		mg/dL	100	77	—	122	7		mg/dL	101	78	—	123	8
	BS-200E <sup>4</sup>	mmol/L	2.61	2.02	—	3.20	0.20	BS-480 <sup>14</sup>	mmol/L	2.63	2.04	—	3.22	0.20
		mg/dL	101	78	—	124	8		mg/dL	102	79	—	124	8
	BS-230 <sup>5</sup>	mmol/L	2.50	1.94	—	3.06	0.19	BS-600 <sup>15</sup>	mmol/L	2.59	2.01	—	3.17	0.19
		mg/dL	96.7	75.0	—	118.3	7.3		mg/dL	100	78	—	123	7
	BS-240E <sup>6</sup>	mmol/L	2.59	2.01	—	3.17	0.19	BS-600M <sup>16</sup>	mmol/L	2.61	2.02	—	3.20	0.20
		mg/dL	100	78	—	123	7		mg/dL	101	78	—	124	8
	BS-300 <sup>7</sup>	mmol/L	2.64	2.05	—	3.23	0.20	BS-620M <sup>17</sup>	mmol/L	2.61	2.02	—	3.20	0.20
		mg/dL	102	79	—	125	8		mg/dL	101	78	—	124	8
	BS-330 <sup>8</sup>	mmol/L	2.58	2.00	—	3.16	0.19	BS-800 <sup>18</sup>	mmol/L	2.57	1.99	—	3.15	0.19
		mg/dL	100	77	—	122	7		mg/dL	99.4	76.9	—	121.8	7.3
	BS-330E <sup>9</sup>	mmol/L	2.61	2.02	—	3.20	0.20	BS-2000 <sup>19</sup>	mmol/L	2.63	2.04	—	3.22	0.20
		mg/dL	101	78	—	124	8		mg/dL	102	79	—	124	8
	BS-360E <sup>10</sup>	mmol/L	2.59	2.01	—	3.17	0.19	BS-2800M <sup>20</sup>	mmol/L	2.61	2.02	—	3.20	0.20
		mg/dL	100	78	—	123	7		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	260	221	—	299	13
		μkat/L	4.28	3.64	—	4.91	0.22		μkat/L	4.34	3.69	—	4.99	0.22
	BS-180 <sup>2</sup>	U/L	256	218	—	294	13	BS-400 <sup>12</sup>	U/L	260	221	—	299	13
		μkat/L	4.28	3.64	—	4.91	0.22		μkat/L	4.34	3.69	—	4.99	0.22
	BS-200 <sup>3</sup>	U/L	261	222	—	300	13	BS-430 <sup>13</sup>	U/L	260	221	—	299	13
		μkat/L	4.36	3.71	—	5.01	0.22		μkat/L	4.34	3.69	—	4.99	0.22
	BS-200E <sup>4</sup>	U/L	250	213	—	288	13	BS-480 <sup>14</sup>	U/L	256	218	—	294	13
		μkat/L	4.18	3.56	—	4.81	0.22		μkat/L	4.28	3.64	—	4.91	0.22
	BS-230 <sup>5</sup>	U/L	263	224	—	302	13	BS-600 <sup>15</sup>	U/L	262	223	—	301	13
		μkat/L	4.39	3.74	—	5.04	0.22		μkat/L	4.38	3.72	—	5.03	0.22
	BS-240E <sup>6</sup>	U/L	260	221	—	299	13	BS-600M <sup>16</sup>	U/L	261	222	—	300	13
		μkat/L	4.34	3.69	—	4.99	0.22		μkat/L	4.36	3.71	—	5.01	0.22
	BS-300 <sup>7</sup>	U/L	260	221	—	299	13	BS-620M <sup>17</sup>	U/L	261	222	—	300	13
		μkat/L	4.34	3.69	—	4.99	0.22		μkat/L	4.36	3.71	—	5.01	0.22
	BS-330 <sup>8</sup>	U/L	261	222	—	300	13	BS-800 <sup>18</sup>	U/L	260	221	—	299	13
		μkat/L	4.36	3.71	—	5.01	0.22		μkat/L	4.34	3.69	—	4.99	0.22
	BS-330E <sup>9</sup>	U/L	250	213	—	288	13	BS-2000 <sup>19</sup>	U/L	258	219	—	297	13
		μkat/L	4.18	3.56	—	4.81	0.22		μkat/L	4.31	3.66	—	4.96	0.22
	BS-360E <sup>10</sup>	U/L	260	221	—	299	13	BS-2800M <sup>20</sup>	mmol/L	261	222	—	300	13
		μkat/L	4.34	3.69	—	4.99	0.22		mg/dL	4.36	3.71	—	5.01	0.22
CK-MB	BS-120 <sup>1</sup>	U/L	98.1	76.0	—	120.2	7.4	BS-380 <sup>11</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-180 <sup>2</sup>	U/L	98.1	76.0	—	120.2	7.4	BS-400 <sup>12</sup>	U/L	98.3	76.2	—	120.4	7.4
		μkat/L	1.64	1.27	—	2.01	0.12		μkat/L	1.64	1.27	—	2.01	0.12
	BS-200 <sup>3</sup>	U/L	95.4	73.9	—	116.9	7.2	BS-430 <sup>13</sup>	U/L	98.2	76.1	—	120.3	7.4
		μkat/L	1.59	1.23	—	1.95	0.12		μkat/L	1.64	1.27	—	2.01	0.12
	BS-200E <sup>4</sup>	U/L	96.9	75.1	—	118.7	7.3	BS-480 <sup>14</sup>	U/L	98.4	76.3	—	120.5	7.4
		μkat/L	1.62	1.25	—	1.98	0.12		μkat/L	1.64	1.27	—	2.01	0.12
	BS-230 <sup>5</sup>	U/L	97.6	75.6	—	119.6	7.3	BS-600 <sup>15</sup>	U/L	97.4	75.5	—	119.3	7.3
		μkat/L	1.63	1.26	—	2.00	0.12		μkat/L	1.63	1.26	—	1.99	0.12
	BS-240E <sup>6</sup>	U/L	97.5	75.6	—	119.4	7.3	BS-600M <sup>16</sup>	U/L	102	79	—	125	8
		μkat/L	1.63	1.26	—	1.99	0.12		μkat/L	1.70	1.32	—	2.09	0.13
	BS-300 <sup>7</sup>	U/L	98.8	76.6	—	121.0	7.4	BS-620M <sup>17</sup>	U/L	102	79	—	125	8
		μkat/L	1.65	1.28	—	2.02	0.12		μkat/L	1.70	1.32	—	2.09	0.13
	BS-330 <sup>8</sup>	U/L	95.4	73.9	—	116.9	7.2	BS-800 <sup>18</sup>	U/L	97.9	75.9	—	119.9	7.3
		μkat/L	1.59	1.23	—	1.95	0.12		μkat/L	1.63	1.27	—	2.00	0.12
	BS-330E <sup>9</sup>	U/L	96.9	75.1	—	118.7	7.3	BS-2000 <sup>19</sup>	U/L	95.2	73.8	—	116.6	7.1
		μkat/L	1.62	1.25	—	1.98	0.12		μkat/L	1.59	1.23	—	1.95	0.12
	BS-360E <sup>10</sup>	U/L	97.1	75.3	—	118.9	7.3	BS-2800M <sup>20</sup>	mmol/L	98.4	76.3	—	120.5	7.4
		μkat/L	1.62	1.26	—	1.99	0.12		mg/dL	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	376	320	—	432	19	BS-380 <sup>11</sup>	μmol/L	380	323	—	437	19
		mg/dL	4.25	3.62	—	4.89	0.21		mg/dL	4.30	3.65	—	4.94	0.21
	BS-180 <sup>2</sup>	μmol/L	376	320	—	432	19	BS-400 <sup>12</sup>	μmol/L	382	325	—	439	19
		mg/dL	4.25	3.62	—	4.89	0.21		mg/dL	4.32	3.68	—	4.97	0.21
	BS-200 <sup>3</sup>	μmol/L	368	313	—	423	18	BS-430 <sup>13</sup>	μmol/L	382	325	—	439	19
		mg/dL	4.16	3.54	—	4.79	0.20		mg/dL	4.32	3.68	—	4.97	0.21
	BS-200E <sup>4</sup>	μmol/L	379	322	—	436	19	BS-480 <sup>14</sup>	μmol/L	379	322	—	436	19
		mg/dL	4.29	3.64	—	4.93	0.21		mg/dL	4.29	3.64	—	4.93	0.21
	BS-230 <sup>5</sup>	μmol/L	379	322	—	436	19	BS-600 <sup>15</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-240E <sup>6</sup>	μmol/L	379	322	—	436	19	BS-600M <sup>16</sup>	μmol/L	382	325	—	439	19
		mg/dL	4.29	3.64	—	4.93	0.21		mg/dL	4.32	3.68	—	4.97	0.21
	BS-300 <sup>7</sup>	μmol/L	368	313	—	423	18	BS-620M <sup>17</sup>	μmol/L	319	271	—	367	16
		mg/dL	4.16	3.54	—	4.79	0.20		mg/dL	3.61	3.07	—	4.15	0.18
	BS-330 <sup>8</sup>	μmol/L	368	313	—	423	18	BS-800 <sup>18</sup>	μmol/L	318	270	—	366	16
		mg/dL	4.16	3.54	—	4.79	0.20		mg/dL	3.60	3.05	—	4.14	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	379	322	—	436	19	BS-2800M <sup>20</sup>	μmol/L	319	271	—	367	16
		mg/dL	4.29	3.64	—	4.93	0.21		mg/dL	3.61	3.07	—	4.15	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	393	334	—	452	20	BS-380 <sup>11</sup>	μmol/L	383	326	—	440	19
		mg/dL	4.45	3.78	—	5.11	0.23		mg/dL	4.33	3.69	—	4.98	0.21
	BS-180 <sup>2</sup>	μmol/L	393	334	—	452	20	BS-400 <sup>12</sup>	μmol/L	383	326	—	440	19
		mg/dL	4.45	3.78	—	5.11	0.23		mg/dL	4.33	3.69	—	4.98	0.21
	BS-200 <sup>3</sup>	μmol/L	381	324	—	438	19	BS-430 <sup>13</sup>	μmol/L	389	331	—	447	19
		mg/dL	4.31	3.67	—	4.95	0.21		mg/dL	4.40	3.74	—	5.06	0.21
	BS-200E <sup>4</sup>	μmol/L	388	330	—	446	19	BS-480 <sup>14</sup>	μmol/L	384	326	—	442	19
		mg/dL	4.39	3.73	—	5.05	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	392	333	—	451	20
		mg/dL	4.39	3.73	—	5.05	0.21		mg/dL	4.43	3.77	—	5.10	0.23
	BS-240E <sup>6</sup>	μmol/L	384	326	—	442	19	BS-600M <sup>16</sup>	μmol/L	387	329	—	445	19
		mg/dL	4.34	3.69	—	5.00	0.21		mg/dL	4.38	3.72	—	5.03	0.21
	BS-300 <sup>7</sup>	μmol/L	379	322	—	436	19	BS-620M <sup>17</sup>	μmol/L	319	271	—	367	16
		mg/dL	4.29	3.64	—	4.93	0.21		mg/dL	3.61	3.07	—	4.15	0.18
	BS-330 <sup>8</sup>	μmol/L	381	324	—	438	19	BS-800 <sup>18</sup>	μmol/L	318	270	—	366	16
		mg/dL	4.31	3.67	—	4.95	0.21		mg/dL	3.60	3.05	—	4.14	0.18
	BS-330E <sup>9</sup>	μmol/L	388	330	—	446	19	BS-2000 <sup>19</sup>	μmol/L	315	268	—	362	16
		mg/dL	4.39	3.73	—	5.05	0.21		mg/dL	3.56	3.03	—	4.10	0.18
	BS-360E <sup>10</sup>	μmol/L	380	323	—	437	19	BS-2800M <sup>20</sup>	μmol/L	319	271	—	367	16
		mg/dL	4.30	3.65	—	4.94	0.21		mg/dL	3.61	3.07	—	4.15	0.18
<b>GLU (GOD)</b>	BS-120 <sup>1</sup>	mmol/L	13.2	11.2	—	15.2	0.7	BS-380 <sup>11</sup>	mmol/L	13.4	11.4	—	15.4	0.7
		mg/dL	238	202	—	274	13		mg/dL	241	205	—	277	13
	BS-180 <sup>2</sup>	mmol/L	13.2	11.2	—	15.2	0.7	BS-400 <sup>12</sup>	mmol/L	13.4	11.4	—	15.4	0.7
		mg/dL	238	202	—	274	13		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	13.4	11.4	—	15.4	0.7
		mg/dL	236	200	—	272	13		mg/dL	241	205	—	277	13
	BS-200E <sup>4</sup>	mmol/L	13.5	11.5	—	15.5	0.7	BS-480 <sup>14</sup>	mmol/L	13.3	11.3	—	15.3	0.7
		mg/dL	243	207	—	279	13		mg/dL	240	204	—	276	13
	BS-230 <sup>5</sup>	mmol/L	13.4	11.4	—	15.4	0.7	BS-600 <sup>15</sup>	mmol/L	13.4	11.4	—	15.4	0.7
		mg/dL	241	205	—	277	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	13.3	11.3	—	15.3	0.7	BS-620M <sup>17</sup>	mmol/L	13.4	11.4	—	15.4	0.7
		mg/dL	240	204	—	276	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	13.1	11.1	—	15.1	0.7
		mg/dL	236	200	—	272	13		mg/dL	236	200	—	272	13
	BS-330E <sup>9</sup>	mmol/L	13.5	11.5	—	15.5	0.7	BS-2000 <sup>19</sup>	mmol/L	13.2	11.2	—	15.2	0.7
		mg/dL	243	207	—	279	13		mg/dL	238	202	—	274	13
	BS-360E <sup>10</sup>	mmol/L	13.3	11.3	—	15.3	0.7	BS-2800M <sup>20</sup>	mmol/L	13.4	11.4	—	15.4	0.7
		mg/dL	240	204	—	276	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	13.6	11.6	—	15.6	0.7	BS-380 <sup>11</sup>	mmol/L	13.7	11.6	—	15.8	0.7
		mg/dL	245	209	—	281	13		mg/dL	247	209	—	285	13
	BS-180 <sup>2</sup>	mmol/L	13.6	11.6	—	15.6	0.7	BS-400 <sup>12</sup>	mmol/L	13.7	11.6	—	15.8	0.7
		mg/dL	245	209	—	281	13		mg/dL	247	209	—	285	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	13.7	11.6	—	15.8	0.7	BS-480 <sup>14</sup>	mmol/L	13.3	11.3	—	15.3	0.7
		mg/dL	247	209	—	285	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	13.1	11.1	—	15.1	0.7	BS-600M <sup>16</sup>	mmol/L	13.3	11.3	—	15.3	0.7
		mg/dL	236	200	—	272	13		mg/dL	240	204	—	276	13
	BS-300 <sup>7</sup>	mmol/L	13.5	11.5	—	15.5	0.7	BS-620M <sup>17</sup>	mmol/L	13.3	11.3	—	15.3	0.7
		mg/dL	243	207	—	279	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	13.7	11.6	—	15.8	0.7	BS-2000 <sup>19</sup>	mmol/L	13.5	11.5	—	15.5	0.7
		mg/dL	247	209	—	285	13		mg/dL	243	207	—	279	13
	BS-360E <sup>10</sup>	mmol/L	12.9	11.0	—	14.8	0.6	BS-2800M <sup>20</sup>	mmol/L	13.7	11.6	—	15.8	0.7
		mg/dL	232	198	—	267	11		mg/dL	247	209	—	285	13
<b>GGT</b>	BS-120 <sup>1</sup>	U/L	234	199	—	269	12	BS-380 <sup>11</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-180 <sup>2</sup>	U/L	234	199	—	269	12	BS-400 <sup>12</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-200 <sup>3</sup>	U/L	234	199	—	269	12	BS-430 <sup>13</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-200E <sup>4</sup>	U/L	238	202	—	274	12	BS-480 <sup>14</sup>	U/L	233	198	—	268	12
		μkat/L	3.97	3.37	—	4.58	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	231	196	—	266	12
		μkat/L	3.89	3.31	—	4.48	0.20		μkat/L	3.86	3.27	—	4.44	0.20
	BS-300 <sup>7</sup>	U/L	233	198	—	268	12	BS-620M <sup>17</sup>	U/L	231	196	—	266	12
		μkat/L	3.89	3.31	—	4.48	0.20		μkat/L	3.86	3.27	—	4.44	0.20
	BS-330 <sup>8</sup>	U/L	234	199	—	269	12	BS-800 <sup>18</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-330E <sup>9</sup>	U/L	238	202	—	274	12	BS-2000 <sup>19</sup>	U/L	231	196	—	266	12
		μkat/L	3.97	3.37	—	4.58	0.20		μkat/L	3.86	3.27	—	4.44	0.20
	BS-360E <sup>10</sup>	U/L	234	199	—	269	12	BS-2800M <sup>20</sup>	U/L	231	196	—	266	12
		μkat/L	3.91	3.32	—	4.49	0.20		μkat/L	3.86	3.27	—	4.44	0.20
<b>α-HBDH</b>	BS-120 <sup>1</sup>	U/L	308	262	—	354	15	BS-380 <sup>11</sup>	U/L	314	267	—	361	16
		μkat/L	5.14	4.38	—	5.91	0.25		μkat/L	5.24	4.46	—	6.03	0.27
	BS-180 <sup>2</sup>	U/L	308	262	—	354	15	BS-400 <sup>12</sup>	U/L	314	267	—	361	16
		μkat/L	5.14	4.38	—	5.91	0.25		μkat/L	5.24	4.46	—	6.03	0.27
	BS-200 <sup>3</sup>	U/L	307	261	—	353	15	BS-430 <sup>13</sup>	U/L	311	264	—	358	16
		μkat/L	5.13	4.36	—	5.90	0.25		μkat/L	5.19	4.41	—	5.98	0.27
	BS-200E <sup>4</sup>	U/L	314	267	—	361	16	BS-480 <sup>14</sup>	U/L	311	264	—	358	16
		μkat/L	5.24	4.46	—	6.03	0.27		μkat/L	5.19	4.41	—	5.98	0.27
	BS-230 <sup>5</sup>	U/L	316	269	—	363	16	BS-600 <sup>15</sup>	U/L	311	264	—	358	16
		μkat/L	5.28	4.49	—	6.06	0.27		μkat/L	5.19	4.41	—	5.98	0.27
	BS-240E <sup>6</sup>	U/L	311	264	—	358	16	BS-600M <sup>16</sup>	U/L	312	265	—	359	16
		μkat/L	5.19	4.41	—	5.98	0.27		μkat/L	5.21	4.43	—	6.00	0.27
	BS-300 <sup>7</sup>	U/L	314	267	—	361	16	BS-620M <sup>17</sup>	U/L	312	265	—	359	16
		μkat/L	5.24	4.46	—	6.03	0.27		μkat/L	5.21	4.43	—	6.00	0.27
	BS-330 <sup>8</sup>	U/L	307	261	—	353	15	BS-800 <sup>18</sup>	U/L	311	264	—	358	16
		μkat/L	5.13	4.36	—	5.90	0.25		μkat/L	5.19	4.41	—	5.98	0.27
	BS-330E <sup>9</sup>	U/L	314	267	—	361	16	BS-2000 <sup>19</sup>	U/L	311	264	—	358	16
		μkat/L	5.24	4.46	—	6.03	0.27		μkat/L	5.19	4.41	—	5.98	0.27
	BS-360E <sup>10</sup>	U/L	311	264	—	358	16	BS-2800M <sup>20</sup>	U/L	312	265	—	359	16
		μkat/L	5.19	4.41	—	5.98	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	1.72	1.33	—	2.11	0.13
		μmol/L	63.2	48.9	—	77.5	4.6		μmol/L	61.4	47.5	—	75.3	4.6
	BS-180 <sup>2</sup>	g/L	1.77	1.37	—	2.17	0.13	BS-400 <sup>12</sup>	g/L	1.83	1.42	—	2.24	0.14
		μmol/L	63.2	48.9	—	77.5	4.6		μmol/L	65.3	50.7	—	80.0	5.0
	BS-200 <sup>3</sup>	g/L	1.85	1.43	—	2.27	0.14	BS-430 <sup>13</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-200E <sup>4</sup>	g/L	1.96	1.52	—	2.40	0.15	BS-480 <sup>14</sup>	g/L	1.81	1.40	—	2.22	0.14
		μmol/L	70.0	54.3	—	85.7	5.4		μmol/L	64.6	50.0	—	79.3	5.0
	BS-230 <sup>5</sup>	g/L	1.68	1.30	—	2.06	0.13	BS-600 <sup>15</sup>	g/L	1.82	1.41	—	2.23	0.14
		μmol/L	60.0	46.4	—	73.5	4.6		μmol/L	65.0	50.3	—	79.6	5.0
	BS-240E <sup>6</sup>	g/L	1.80	1.40	—	2.21	0.14	BS-600M <sup>16</sup>	g/L	1.75	1.36	—	2.14	0.13
		μmol/L	64.3	50.0	—	78.9	5.0		μmol/L	62.5	48.6	—	76.4	4.6
	BS-300 <sup>7</sup>	g/L	1.85	1.43	—	2.27	0.14	BS-620M <sup>17</sup>	g/L	1.75	1.36	—	2.14	0.13
		μmol/L	66.0	51.1	—	81.0	5.0		μmol/L	62.5	48.6	—	76.4	4.6
	BS-330 <sup>8</sup>	g/L	1.85	1.43	—	2.27	0.14	BS-800 <sup>18</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-330E <sup>9</sup>	g/L	1.96	1.52	—	2.40	0.15	BS-2000 <sup>19</sup>	g/L	1.71	1.33	—	2.09	0.13
		μmol/L	70.0	54.3	—	85.7	5.4		μmol/L	61.0	47.5	—	74.6	4.6
	BS-360E <sup>10</sup>	g/L	1.80	1.40	—	2.21	0.14	BS-2800M <sup>20</sup>	g/L	1.75	1.36	—	2.14	0.13
		μmol/L	64.3	50.0	—	78.9	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	0.754	0.584	—	0.924	0.057	BS-380 <sup>11</sup>	g/L	0.777	0.602	—	0.952	0.058
		μmol/L	1.47	1.14	—	1.80	0.11		μmol/L	1.52	1.17	—	1.86	0.11
	BS-180 <sup>2</sup>	g/L	0.754	0.584	—	0.924	0.057	BS-400 <sup>12</sup>	g/L	0.764	0.592	—	0.936	0.057
		μmol/L	1.47	1.14	—	1.80	0.11		μmol/L	1.49	1.15	—	1.83	0.11
	BS-200 <sup>3</sup>	g/L	0.765	0.593	—	0.937	0.057	BS-430 <sup>13</sup>	g/L	0.783	0.607	—	0.959	0.059
		μmol/L	1.49	1.16	—	1.83	0.11		μmol/L	1.53	1.18	—	1.87	0.12
	BS-200E <sup>4</sup>	g/L	0.755	0.585	—	0.925	0.057	BS-480 <sup>14</sup>	g/L	0.784	0.608	—	0.960	0.059
		μmol/L	1.47	1.14	—	1.80	0.11		μmol/L	1.53	1.19	—	1.87	0.12
	BS-230 <sup>5</sup>	g/L	0.741	0.574	—	0.908	0.056	BS-600 <sup>15</sup>	g/L	0.778	0.603	—	0.953	0.058
		μmol/L	1.44	1.12	—	1.77	0.11		μmol/L	1.52	1.18	—	1.86	0.11
	BS-240E <sup>6</sup>	g/L	0.756	0.586	—	0.926	0.057	BS-600M <sup>16</sup>	g/L	0.758	0.587	—	0.929	0.057
		μmol/L	1.47	1.14	—	1.81	0.11		μmol/L	1.48	1.14	—	1.81	0.11
	BS-300 <sup>7</sup>	g/L	0.746	0.578	—	0.914	0.056	BS-620M <sup>17</sup>	g/L	0.758	0.587	—	0.929	0.057
		μmol/L	1.45	1.13	—	1.78	0.11		μmol/L	1.48	1.14	—	1.81	0.11
	BS-330 <sup>8</sup>	g/L	0.765	0.593	—	0.937	0.057	BS-800 <sup>18</sup>	g/L	0.760	0.589	—	0.931	0.057
		μmol/L	1.49	1.16	—	1.83	0.11		μmol/L	1.48	1.15	—	1.82	0.11
	BS-330E <sup>9</sup>	g/L	0.755	0.585	—	0.925	0.057	BS-2000 <sup>19</sup>	g/L	0.748	0.580	—	0.916	0.056
		μmol/L	1.47	1.14	—	1.80	0.11		μmol/L	1.46	1.13	—	1.79	0.11
	BS-360E <sup>10</sup>	g/L	0.773	0.599	—	0.947	0.058	BS-2800M <sup>20</sup>	g/L	0.758	0.587	—	0.929	0.057
		μmol/L	1.51	1.17	—	1.85	0.11		μmol/L	1.48	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	0.850	0.659	—	1.041	0.064	BS-380 <sup>11</sup>	g/L	0.835	0.647	—	1.023	0.063
		μmol/L	1.66	1.29	—	2.03	0.12		μmol/L	1.63	1.26	—	1.99	0.12
	BS-180 <sup>2</sup>	g/L	0.850	0.659	—	1.041	0.064	BS-400 <sup>12</sup>	g/L	0.835	0.647	—	1.023	0.063
		μmol/L	1.66	1.29	—	2.03	0.12		μmol/L	1.63	1.26	—	1.99	0.12
	BS-200 <sup>3</sup>	g/L	0.837	0.649	—	1.025	0.063	BS-430 <sup>13</sup>	g/L	0.865	0.670	—	1.060	0.065
		μmol/L	1.63	1.27	—	2.00	0.12		μmol/L	1.69	1.31	—	2.07	0.13
	BS-200E <sup>4</sup>	g/L	0.874	0.677	—	1.071	0.066	BS-480 <sup>14</sup>	g/L	0.820	0.636	—	1.005	0.062
		μmol/L	1.70	1.32	—	2.09	0.13		μmol/L	1.60	1.24	—	1.96	0.12
	BS-230 <sup>5</sup>	g/L	0.814	0.631	—	0.997	0.061	BS-600 <sup>15</sup>	g/L	0.838	0.649	—	1.027	0.063
		μmol/L	1.59	1.23	—	1.94	0.12		μmol/L	1.63	1.27	—	2.00	0.12
	BS-240E <sup>6</sup>	g/L	0.830	0.643	—	1.017	0.062	BS-600M <sup>16</sup>	g/L	0.842	0.653	—	1.031	0.063
		μmol/L	1.62	1.25	—	1.98	0.12		μmol/L	1.64	1.27	—	2.01	0.12
	BS-300 <sup>7</sup>	g/L	0.837	0.649	—	1.025	0.063	BS-620M <sup>17</sup>	g/L	0.842	0.653	—	1.031	0.063
		μmol/L	1.63	1.27	—	2.00	0.12		μmol/L	1.64	1.27	—	2.01	0.12
	BS-330 <sup>8</sup>	g/L	0.837	0.649	—	1.025	0.063	BS-800 <sup>18</sup>	g/L	0.865	0.670	—	1.060	0.065
		μmol/L	1.63	1.27	—	2.00	0.12		μmol/L	1.69	1.31	—	2.07	0.13
	BS-330E <sup>9</sup>	g/L	0.874	0.677	—	1.071	0.066	BS-2000 <sup>19</sup>	g/L	0.834	0.646	—	1.022	0.063
		μmol/L	1.70	1.32	—	2.09	0.13		μmol/L	1.63	1.26	—	1.99	0.12
	BS-360E <sup>10</sup>	g/L	0.845	0.655	—	1.035	0.063	BS-2800M <sup>20</sup>	g/L	0.842	0.653	—	1.031	0.063
		μmol/L	1.65	1.28	—	2.02	0.12		μmol/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		
C3	BS-120 <sup>1</sup>	g/L	1.42	1.13	—	1.71	0.10	BS-380 <sup>11</sup>	g/L	1.47	1.17	—	1.77	0.10
	BS-180 <sup>2</sup>	g/L	1.42	1.13	—	1.71	0.10	BS-400 <sup>12</sup>	g/L	1.47	1.17	—	1.77	0.10
	BS-200 <sup>3</sup>	g/L	1.53	1.22	—	1.84	0.10	BS-430 <sup>13</sup>	g/L	1.48	1.18	—	1.78	0.10
	BS-200E <sup>4</sup>	g/L	1.58	1.26	—	1.90	0.11	BS-480 <sup>14</sup>	g/L	1.42	1.13	—	1.71	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	1.55	1.24	—	1.86	0.10	BS-600M <sup>16</sup>	g/L	1.46	1.16	—	1.76	0.10
	BS-300 <sup>7</sup>	g/L	1.47	1.17	—	1.77	0.10	BS-620M <sup>17</sup>	g/L	1.46	1.16	—	1.76	0.10
	BS-330 <sup>8</sup>	g/L	1.53	1.22	—	1.84	0.10	BS-800 <sup>18</sup>	g/L	1.47	1.17	—	1.77	0.10
	BS-330E <sup>9</sup>	g/L	1.58	1.26	—	1.90	0.11	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	0.256	0.204	—	0.308	0.017	BS-380 <sup>11</sup>	g/L	0.252	0.201	—	0.303	0.017
		μmol/L	1.28	1.02	—	1.54	0.09		μmol/L	1.26	1.01	—	1.52	0.09
	BS-180 <sup>2</sup>	g/L	0.256	0.204	—	0.308	0.017	BS-400 <sup>12</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
	BS-200 <sup>3</sup>	g/L	0.252	0.201	—	0.303	0.017	BS-430 <sup>13</sup>	g/L	0.262	0.209	—	0.315	0.018
		μmol/L	1.26	1.01	—	1.52	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	0.252	0.201	—	0.303	0.017
		μmol/L	1.27	1.02	—	1.53	0.09		μmol/L	1.26	1.01	—	1.52	0.09
	BS-230 <sup>5</sup>	g/L	0.246	0.196	—	0.296	0.017	BS-600 <sup>15</sup>	g/L	0.258	0.206	—	0.310	0.017
		μmol/L	1.23	0.98	—	1.48	0.09		μmol/L	1.29	1.03	—	1.55	0.09
	BS-240E <sup>6</sup>	g/L	0.261	0.208	—	0.314	0.018	BS-600M <sup>16</sup>	g/L	0.259	0.207	—	0.311	0.017
		μmol/L	1.31	1.04	—	1.57	0.09		μmol/L	1.30	1.04	—	1.56	0.09
	BS-300 <sup>7</sup>	g/L	0.257	0.205	—	0.309	0.017	BS-620M <sup>17</sup>	g/L	0.259	0.207	—	0.311	0.017
		μmol/L	1.29	1.03	—	1.55	0.09		μmol/L	1.30	1.04	—	1.56	0.09
	BS-330 <sup>8</sup>	g/L	0.252	0.201	—	0.303	0.017	BS-800 <sup>18</sup>	g/L	0.255	0.203	—	0.307	0.017
		μmol/L	1.26	1.01	—	1.52	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	0.262	0.209	—	0.315	0.018	BS-2800M <sup>20</sup>	g/L	0.258	0.206	—	0.310	0.017
		μmol/L	1.31	1.05	—	1.58	0.09		μmol/L	1.29	1.03	—	1.55	0.09
CRP II	BS-120 <sup>1</sup>	mg/L	57.0	39.9	—	74.1	5.7	BS-380 <sup>11</sup>	mg/L	56.4	39.5	—	73.3	5.6
		nmol/L	543	380	—	705	54		nmol/L	537	376	—	698	53
	BS-180 <sup>2</sup>	mg/L	57.0	39.9	—	74.1	5.7	BS-400 <sup>12</sup>	mg/L	56.7	39.7	—	73.7	5.7
		nmol/L	543	380	—	705	54		nmol/L	540	378	—	702	54
	BS-200 <sup>3</sup>	mg/L	56.9	39.8	—	74.0	5.7	BS-430 <sup>13</sup>	mg/L	57.1	40.0	—	74.2	5.7
		nmol/L	542	379	—	704	54		nmol/L	544	381	—	706	54
	BS-200E <sup>4</sup>	mg/L	57.0	39.9	—	74.1	5.7	BS-480 <sup>14</sup>	mg/L	56.1	39.3	—	72.9	5.6
		nmol/L	543	380	—	705	54		nmol/L	534	374	—	694	53
	BS-230 <sup>5</sup>	mg/L	56.1	39.3	—	72.9	5.6	BS-600 <sup>15</sup>	mg/L	56.6	39.6	—	73.6	5.7
		nmol/L	534	374	—	694	53		nmol/L	539	377	—	701	54
	BS-240E <sup>6</sup>	mg/L	56.6	39.6	—	73.6	5.7	BS-600M <sup>16</sup>	mg/L	57.0	39.9	—	74.1	5.7
		nmol/L	539	377	—	701	54		nmol/L	543	380	—	705	54
	BS-300 <sup>7</sup>	mg/L	59.7	41.8	—	77.6	6.0	BS-620M <sup>17</sup>	mg/L	57.0	39.9	—	74.1	5.7
		nmol/L	568	398	—	739	57		nmol/L	543	380	—	705	54
	BS-330 <sup>8</sup>	mg/L	56.9	39.8	—	74.0	5.7	BS-800 <sup>18</sup>	mg/L	57.0	39.9	—	74.1	5.7
		nmol/L	542	379	—	704	54		nmol/L	543	380	—	705	54
	BS-330E <sup>9</sup>	mg/L	57.0	39.9	—	74.1	5.7	BS-2000 <sup>19</sup>	mg/L	55.5	38.9	—	72.2	5.6
		nmol/L	543	380	—	705	54		nmol/L	528	370	—	687	53
	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	2.49	1.93	—	3.05	0.19	BS-430 <sup>13</sup>	g/L	2.33	1.81	—	2.85	0.17
		μmol/L	15.6	12.1	—	19.1	1.2		μmol/L	14.6	11.3	—	17.8	1.1
	BS-200E <sup>4</sup>	g/L	2.36	1.83	—	2.89	0.18	BS-480 <sup>14</sup>	g/L	2.28	1.77	—	2.79	0.17
		μmol/L	14.8	11.4	—	18.1	1.1		μmol/L	14.3	11.1	—	17.4	1.1
	BS-230 <sup>5</sup>	g/L	2.26	1.75	—	2.77	0.17	BS-600 <sup>15</sup>	g/L	2.27	1.76	—	2.78	0.17
		μmol/L	14.1	10.9	—	17.3	1.1		μmol/L	14.2	11.0	—	17.4	1.1
	BS-240E <sup>6</sup>	g/L	2.36	1.83	—	2.89	0.18	BS-600M <sup>16</sup>	g/L	2.31	1.79	—	2.83	0.17
		μmol/L	14.8	11.4	—	18.1	1.1		μmol/L	14.4	11.2	—	17.7	1.1
	BS-330 <sup>8</sup>	g/L	2.49	1.93	—	3.05	0.19	BS-620M <sup>17</sup>	g/L	2.31	1.79	—	2.83	0.17
		μmol/L	15.6	12.1	—	19.1	1.2		μmol/L	14.4	11.2	—	17.7	1.1
	BS-330E <sup>9</sup>	g/L	2.36	1.83	—	2.89	0.18	BS-800 <sup>18</sup>	g/L	2.31	1.79	—	2.83	0.17
		μmol/L	14.8	11.4	—	18.1	1.1		μmol/L	14.4	11.2	—	17.7	1.1
	BS-360E <sup>10</sup>	g/L	2.38	1.84	—	2.92	0.18	BS-2000 <sup>19</sup>	g/L	2.35	1.82	—	2.88	0.18
		μmol/L	14.9	11.5	—	18.3	1.1		μmol/L	14.7	11.4	—	18.0	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	2.28	1.77	—	2.79	0.17								
	μmol/L	14.3	11.1	—	17.4	1.1								
BS-120 <sup>1</sup>	g/L	12.3	9.5	—	15.1	0.9	BS-380 <sup>11</sup>	g/L	11.3	8.8	—	13.8	0.8	
	μmol/L	82.0	63.4	—	100.7	6.0		μmol/L	75.4	58.7	—	92.0	5.3	
BS-180 <sup>2</sup>	g/L	12.3	9.5	—	15.1	0.9	BS-400 <sup>12</sup>	g/L	11.3	8.8	—	13.8	0.8	
	μmol/L	82.0	63.4	—	100.7	6.0		μmol/L	75.4	58.7	—	92.0	5.3	
BS-200 <sup>3</sup>	g/L	12.5	9.7	—	15.3	0.9	BS-430 <sup>13</sup>	g/L	11.5	8.9	—	14.1	0.9	
	μmol/L	83.4	64.7	—	102.1	6.0		μmol/L	76.7	59.4	—	94.0	6.0	
BS-200E <sup>4</sup>	g/L	11.4	8.8	—	14.0	0.9	BS-480 <sup>14</sup>	g/L	11.3	8.8	—	13.8	0.8	
	μmol/L	76.0	58.7	—	93.4	6.0		μmol/L	75.4	58.7	—	92.0	5.3	
BS-230 <sup>5</sup>	g/L	11.3	8.8	—	13.8	0.8	BS-600 <sup>15</sup>	g/L	11.5	8.9	—	14.1	0.9	
	μmol/L	75.4	58.7	—	92.0	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	12.5	9.7	—	15.3	0.9	BS-800 <sup>18</sup>	g/L	11.5	8.9	—	14.1	0.9	
	μmol/L	83.4	64.7	—	102.1	6.0		μmol/L	76.7	59.4	—	94.0	6.0	
BS-330E <sup>9</sup>	g/L	11.4	8.8	—	14.0	0.9	BS-2000 <sup>19</sup>	g/L	11.4	8.8	—	14.0	0.9	
	μmol/L	76.0	58.7	—	93.4	6.0		μmol/L	76.0	58.7	—	93.4	6.0	
BS-360E <sup>10</sup>	g/L	11.2	8.7	—	13.7	0.8	BS-2800M <sup>20</sup>	g/L	11.2	8.7	—	13.7	0.8	
	μmol/L	74.7	58.0	—	91.4	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	1.03	0.80	—	1.26	0.08	
	μmol/L	1.10	0.85	—	1.35	0.08		μmol/L	1.06	0.82	—	1.30	0.08	
BS-180 <sup>2</sup>	g/L	1.07	0.83	—	1.31	0.08	BS-400 <sup>12</sup>	g/L	1.03	0.80	—	1.26	0.08	
	μmol/L	1.10	0.85	—	1.35	0.08		μmol/L	1.06	0.82	—	1.30	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	1.06	0.82	—	1.30	0.08	BS-600M <sup>16</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-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	222	172	—	272	17	BS-380 <sup>11</sup>	mg/L	218	169	—	267	16
		μmol/L	4.04	3.13	—	4.95	0.31		μmol/L	3.97	3.08	—	4.86	0.29
	BS-180 <sup>2</sup>	mg/L	222	172	—	272	17	BS-400 <sup>12</sup>	mg/L	217	168	—	266	16
		μmol/L	4.04	3.13	—	4.95	0.31		μmol/L	3.95	3.06	—	4.84	0.29
	BS-200 <sup>3</sup>	mg/L	222	172	—	272	17	BS-430 <sup>13</sup>	mg/L	225	174	—	276	17
		μmol/L	4.04	3.13	—	4.95	0.31		μmol/L	4.10	3.17	—	5.02	0.31
	BS-200E <sup>4</sup>	mg/L	222	172	—	272	17	BS-480 <sup>14</sup>	mg/L	218	169	—	267	16
		μmol/L	4.04	3.13	—	4.95	0.31		μmol/L	3.97	3.08	—	4.86	0.29
	BS-230 <sup>5</sup>	mg/L	223	173	—	273	17	BS-600 <sup>15</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-240E <sup>6</sup>	mg/L	218	169	—	267	16	BS-600M <sup>16</sup>	mg/L	219	170	—	268	16
		μmol/L	3.97	3.08	—	4.86	0.29		μmol/L	3.99	3.09	—	4.88	0.29
	BS-300 <sup>7</sup>	mg/L	224	174	—	274	17	BS-620M <sup>17</sup>	mg/L	219	170	—	268	16
		μmol/L	4.08	3.17	—	4.99	0.31		μmol/L	3.99	3.09	—	4.88	0.29
	BS-330 <sup>8</sup>	mg/L	222	172	—	272	17	BS-800 <sup>18</sup>	mg/L	218	169	—	267	16
		μmol/L	4.04	3.13	—	4.95	0.31		μmol/L	3.97	3.08	—	4.86	0.29
	BS-330E <sup>9</sup>	mg/L	222	172	—	272	17	BS-2000 <sup>19</sup>	mg/L	222	172	—	272	17
		μmol/L	4.04	3.13	—	4.95	0.31		μmol/L	4.04	3.13	—	4.95	0.31
	BS-360E <sup>10</sup>	mg/L	218	169	—	267	16	BS-2800M <sup>20</sup>	mg/L	220	171	—	270	17
		μmol/L	3.97	3.08	—	4.86	0.29		μmol/L	4.00	3.11	—	4.91	0.31
LDH	BS-120 <sup>1</sup>	U/L	282	240	—	324	14	BS-380 <sup>11</sup>	U/L	288	245	—	331	14
		μkat/L	4.71	4.01	—	5.41	0.23		μkat/L	4.81	4.09	—	5.53	0.23
	BS-180 <sup>2</sup>	U/L	282	240	—	324	14	BS-400 <sup>12</sup>	U/L	285	242	—	328	14
		μkat/L	4.71	4.01	—	5.41	0.23		μkat/L	4.76	4.04	—	5.48	0.23
	BS-200 <sup>3</sup>	U/L	279	237	—	321	14	BS-430 <sup>13</sup>	U/L	286	243	—	329	14
		μkat/L	4.66	3.96	—	5.36	0.23		μkat/L	4.78	4.06	—	5.49	0.23
	BS-200E <sup>4</sup>	U/L	286	243	—	329	14	BS-480 <sup>14</sup>	U/L	285	242	—	328	14
		μkat/L	4.78	4.06	—	5.49	0.23		μkat/L	4.76	4.04	—	5.48	0.23
	BS-230 <sup>5</sup>	U/L	291	247	—	335	15	BS-600 <sup>15</sup>	U/L	283	241	—	325	14
		μkat/L	4.86	4.12	—	5.59	0.25		μkat/L	4.73	4.02	—	5.43	0.23
	BS-240E <sup>6</sup>	U/L	284	241	—	327	14	BS-600M <sup>16</sup>	U/L	276	235	—	317	14
		μkat/L	4.74	4.02	—	5.46	0.23		μkat/L	4.61	3.92	—	5.29	0.23
	BS-300 <sup>7</sup>	U/L	287	244	—	330	14	BS-620M <sup>17</sup>	U/L	276	235	—	317	14
		μkat/L	4.79	4.07	—	5.51	0.23		μkat/L	4.61	3.92	—	5.29	0.23
	BS-330 <sup>8</sup>	U/L	279	237	—	321	14	BS-800 <sup>18</sup>	U/L	286	243	—	329	14
		μkat/L	4.66	3.96	—	5.36	0.23		μkat/L	4.78	4.06	—	5.49	0.23
	BS-330E <sup>9</sup>	U/L	286	243	—	329	14	BS-2000 <sup>19</sup>	U/L	280	238	—	322	14
		μkat/L	4.78	4.06	—	5.49	0.23		μkat/L	4.68	3.97	—	5.38	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	1.44	1.27	—	1.61	0.06	BS-380 <sup>11</sup>	mmol/L	1.43	1.26	—	1.60	0.06
		mg/dL	3.50	3.09	—	3.91	0.15		mg/dL	3.47	3.06	—	3.89	0.15
	BS-180 <sup>2</sup>	mmol/L	1.44	1.27	—	1.61	0.06	BS-400 <sup>12</sup>	mmol/L	1.43	1.26	—	1.60	0.06
		mg/dL	3.50	3.09	—	3.91	0.15		mg/dL	3.47	3.06	—	3.89	0.15
	BS-200 <sup>3</sup>	mmol/L	1.42	1.25	—	1.59	0.06	BS-430 <sup>13</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-200E <sup>4</sup>	mmol/L	1.43	1.26	—	1.60	0.06	BS-480 <sup>14</sup>	mmol/L	1.42	1.25	—	1.59	0.06
		mg/dL	3.47	3.06	—	3.89	0.15		mg/dL	3.45	3.04	—	3.86	0.15
	BS-230 <sup>5</sup>	mmol/L	1.43	1.26	—	1.60	0.06	BS-600 <sup>15</sup>	mmol/L	1.42	1.25	—	1.59	0.06
		mg/dL	3.47	3.06	—	3.89	0.15		mg/dL	3.45	3.04	—	3.86	0.15
	BS-240E <sup>6</sup>	mmol/L	1.40	1.23	—	1.57	0.06	BS-600M <sup>16</sup>	mmol/L	1.40	1.23	—	1.57	0.06
		mg/dL	3.40	2.99	—	3.82	0.15		mg/dL	3.40	2.99	—	3.82	0.15
	BS-300 <sup>7</sup>	mmol/L	1.43	1.26	—	1.60	0.06	BS-620M <sup>17</sup>	mmol/L	1.40	1.23	—	1.57	0.06
		mg/dL	3.47	3.06	—	3.89	0.15		mg/dL	3.40	2.99	—	3.82	0.15
	BS-330 <sup>8</sup>	mmol/L	1.42	1.25	—	1.59	0.06	BS-800 <sup>18</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-330E <sup>9</sup>	mmol/L	1.43	1.26	—	1.60	0.06	BS-2000 <sup>19</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-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	2.66	2.26	—	3.06	0.13
		mg/dL	8.18	6.94	—	9.42	0.40		mg/dL	8.25	7.01	—	9.49	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	2.66	2.26	—	3.06	0.13
		mg/dL	8.18	6.94	—	9.42	0.40		mg/dL	8.25	7.01	—	9.49	0.40
	<b>BS-200</b> <sup>3</sup>	mmol/L	2.63	2.24	—	3.02	0.13	<b>BS-430</b> <sup>13</sup>	mmol/L	2.70	2.30	—	3.11	0.14
		mg/dL	8.15	6.94	—	9.36	0.40		mg/dL	8.37	7.13	—	9.64	0.43
	<b>BS-200E</b> <sup>4</sup>	mmol/L	2.72	2.31	—	3.13	0.14	<b>BS-480</b> <sup>14</sup>	mmol/L	2.67	2.27	—	3.07	0.13
		mg/dL	8.43	7.16	—	9.70	0.43		mg/dL	8.28	7.04	—	9.52	0.40
	<b>BS-230</b> <sup>5</sup>	mmol/L	2.69	2.29	—	3.09	0.13	<b>BS-600</b> <sup>15</sup>	mmol/L	2.65	2.25	—	3.05	0.13
		mg/dL	8.34	7.10	—	9.58	0.40		mg/dL	8.22	6.98	—	9.46	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	2.71	2.30	—	3.12	0.14
		mg/dL	8.28	7.04	—	9.52	0.40		mg/dL	8.40	7.13	—	9.67	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	2.71	2.30	—	3.12	0.14
		mg/dL	8.28	7.04	—	9.52	0.40		mg/dL	8.40	7.13	—	9.67	0.43
	<b>BS-330</b> <sup>8</sup>	mmol/L	2.63	2.24	—	3.02	0.13	<b>BS-800</b> <sup>18</sup>	mmol/L	2.67	2.27	—	3.07	0.13
		mg/dL	8.15	6.94	—	9.36	0.40		mg/dL	8.28	7.04	—	9.52	0.40
	<b>BS-330E</b> <sup>9</sup>	mmol/L	2.72	2.31	—	3.13	0.14	<b>BS-2000</b> <sup>19</sup>	mmol/L	2.68	2.28	—	3.08	0.13
		mg/dL	8.43	7.16	—	9.70	0.43		mg/dL	8.31	7.07	—	9.55	0.40
	<b>BS-360E</b> <sup>10</sup>	mmol/L	2.65	2.25	—	3.05	0.13	<b>BS-2800M</b> <sup>20</sup>	mmol/L	/	/	—	/	/
		mg/dL	8.22	6.98	—	9.46	0.40		mg/dL	/	/	—	/	/
<b>P II</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	2.70	2.30	—	3.11	0.14	<b>BS-380</b> <sup>11</sup>	mmol/L	2.71	2.30	—	3.12	0.14
		mg/dL	8.37	7.13	—	9.64	0.43		mg/dL	8.40	7.13	—	9.67	0.43
	<b>BS-180</b> <sup>2</sup>	mmol/L	2.70	2.30	—	3.11	0.14	<b>BS-400</b> <sup>12</sup>	mmol/L	2.69	2.29	—	3.09	0.13
		mg/dL	8.37	7.13	—	9.64	0.43		mg/dL	8.34	7.10	—	9.58	0.40
	<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	2.76	2.35	—	3.17	0.14
		mg/dL	8.22	6.98	—	9.46	0.40		mg/dL	8.56	7.29	—	9.83	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	2.75	2.34	—	3.16	0.14	<b>BS-600</b> <sup>15</sup>	mmol/L	2.72	2.31	—	3.13	0.14
		mg/dL	8.53	7.25	—	9.80	0.43		mg/dL	8.43	7.16	—	9.70	0.43
	<b>BS-240E</b> <sup>6</sup>	mmol/L	2.79	2.37	—	3.21	0.14	<b>BS-600M</b> <sup>16</sup>	mmol/L	2.74	2.33	—	3.15	0.14
		mg/dL	8.65	7.35	—	9.95	0.43		mg/dL	8.49	7.22	—	9.77	0.43
	<b>BS-300</b> <sup>7</sup>	mmol/L	2.75	2.34	—	3.16	0.14	<b>BS-620M</b> <sup>17</sup>	mmol/L	2.74	2.33	—	3.15	0.14
		mg/dL	8.53	7.25	—	9.80	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	2.71	2.30	—	3.12	0.14
		mg/dL	8.40	7.13	—	9.67	0.43		mg/dL	8.40	7.13	—	9.67	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	2.74	2.33	—	3.15	0.14
		mg/dL	8.37	7.13	—	9.64	0.43		mg/dL	8.49	7.22	—	9.77	0.43
<b>TP</b>	<b>BS-120</b> <sup>1</sup>	g/L	77.4	65.8	—	89.0	3.9	<b>BS-380</b> <sup>11</sup>	g/L	78.6	66.8	—	90.4	3.9
	<b>BS-180</b> <sup>2</sup>	g/L	77.4	65.8	—	89.0	3.9	<b>BS-400</b> <sup>12</sup>	g/L	78.5	66.7	—	90.3	3.9
	<b>BS-200</b> <sup>3</sup>	g/L	78.3	66.6	—	90.0	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	78.6	66.8	—	90.4	3.9	<b>BS-480</b> <sup>14</sup>	g/L	78.6	66.8	—	90.4	3.9
	<b>BS-230</b> <sup>5</sup>	g/L	78.4	66.6	—	90.2	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	77.4	65.8	—	89.0	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	77.9	66.2	—	89.6	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	78.3	66.6	—	90.0	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	78.6	66.8	—	90.4	3.9	<b>BS-2000</b> <sup>17</sup>	g/L	79.5	67.6	—	91.4	4.0
	<b>BS-360E</b> <sup>10</sup>	g/L	78.3	66.6	—	90.0	3.9	<b>BS-2800M</b> <sup>18</sup>	g/L	/	/	—	/	/
<b>TP II</b>	<b>BS-120</b> <sup>1</sup>	g/L	76.1	64.7	—	87.5	3.8	<b>BS-380</b> <sup>11</sup>	g/L	76.6	65.1	—	88.1	3.8
	<b>BS-180</b> <sup>2</sup>	g/L	76.1	64.7	—	87.5	3.8	<b>BS-400</b> <sup>12</sup>	g/L	76.6	65.1	—	88.1	3.8
	<b>BS-200</b> <sup>3</sup>	g/L	76.1	64.7	—	87.5	3.8	<b>BS-430</b> <sup>13</sup>	g/L	76.2	64.8	—	87.6	3.8
	<b>BS-200E</b> <sup>4</sup>	g/L	75.9	64.5	—	87.3	3.8	<b>BS-480</b> <sup>14</sup>	g/L	76.4	64.9	—	87.9	3.8
	<b>BS-230</b> <sup>5</sup>	g/L	76.4	64.9	—	87.9	3.8	<b>BS-600</b> <sup>15</sup>	g/L	76.2	64.8	—	87.6	3.8
	<b>BS-240E</b> <sup>6</sup>	g/L	75.9	64.5	—	87.3	3.8	<b>BS-600M</b> <sup>15</sup>	g/L	77.2	65.6	—	88.8	3.9
	<b>BS-300</b> <sup>7</sup>	g/L	77.2	65.6	—	88.8	3.9	<b>BS-620M</b> <sup>16</sup>	g/L	77.2	65.6	—	88.8	3.9
	<b>BS-330</b> <sup>8</sup>	g/L	76.1	64.7	—	87.5	3.8	<b>BS-800</b> <sup>16</sup>	g/L	76.2	64.8	—	87.6	3.8
	<b>BS-330E</b> <sup>9</sup>	g/L	75.9	64.5	—	87.3	3.8	<b>BS-2000</b> <sup>17</sup>	g/L	77.5	65.9	—	89.1	3.9
	<b>BS-360E</b> <sup>10</sup>	g/L	76.1	64.7	—	87.5	3.8	<b>BS-2800M</b> <sup>18</sup>	g/L	78.6	66.8	—	90.4	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	2.35	2.03	—	2.67	0.11	BS-380 <sup>11</sup>	mmol/L	2.35	2.03	—	2.67	0.11
		mg/dL	208	180	—	236	10		mg/dL	208	180	—	236	10
	BS-180 <sup>2</sup>	mmol/L	2.35	2.03	—	2.67	0.11	BS-400 <sup>12</sup>	mmol/L	2.32	2.01	—	2.63	0.10
		mg/dL	208	180	—	236	10		mg/dL	205	178	—	233	9
	BS-200 <sup>3</sup>	mmol/L	2.31	2.00	—	2.62	0.10	BS-430 <sup>13</sup>	mmol/L	2.37	2.05	—	2.69	0.11
		mg/dL	204	177	—	232	9		mg/dL	210	181	—	238	10
	BS-200E <sup>4</sup>	mmol/L	2.35	2.03	—	2.67	0.11	BS-480 <sup>14</sup>	mmol/L	2.31	2.00	—	2.62	0.10
		mg/dL	208	180	—	236	10		mg/dL	204	177	—	232	9
	BS-230 <sup>5</sup>	mmol/L	2.35	2.03	—	2.67	0.11	BS-600 <sup>15</sup>	mmol/L	2.34	2.02	—	2.66	0.11
		mg/dL	208	180	—	236	10		mg/dL	207	179	—	235	10
	BS-240E <sup>6</sup>	mmol/L	2.34	2.02	—	2.66	0.11	BS-600M <sup>16</sup>	mmol/L	2.44	2.11	—	2.77	0.11
		mg/dL	207	179	—	235	10		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	2.31	2.00	—	2.62	0.10	BS-800 <sup>18</sup>	mmol/L	2.37	2.05	—	2.69	0.11
		mg/dL	204	177	—	232	9		mg/dL	210	181	—	238	10
	BS-330E <sup>9</sup>	mmol/L	2.35	2.03	—	2.67	0.11	BS-2000 <sup>19</sup>	mmol/L	2.39	2.07	—	2.71	0.11
		mg/dL	208	180	—	236	10		mg/dL	212	183	—	240	10
	BS-360E <sup>10</sup>	mmol/L	2.35	2.03	—	2.67	0.11	BS-2800M <sup>20</sup>	mmol/L	2.44	2.11	—	2.77	0.11
		mg/dL	208	180	—	236	10		mg/dL	216	187	—	245	10
UA	BS-120 <sup>1</sup>	μmol/L	643	556	—	730	29	BS-380 <sup>11</sup>	μmol/L	654	566	—	742	29
		mg/dL	10.8	9.3	—	12.3	0.5		mg/dL	11.0	9.5	—	12.5	0.5
	BS-180 <sup>2</sup>	μmol/L	643	556	—	730	29	BS-400 <sup>12</sup>	μmol/L	654	566	—	742	29
		mg/dL	10.8	9.3	—	12.3	0.5		mg/dL	11.0	9.5	—	12.5	0.5
	BS-200 <sup>3</sup>	μmol/L	620	536	—	704	28	BS-430 <sup>13</sup>	μmol/L	651	563	—	739	29
		mg/dL	10.4	9.0	—	11.8	0.5		mg/dL	10.9	9.5	—	12.4	0.5
	BS-200E <sup>4</sup>	μmol/L	654	566	—	742	29	BS-480 <sup>14</sup>	μmol/L	651	563	—	739	29
		mg/dL	11.0	9.5	—	12.5	0.5		mg/dL	10.9	9.5	—	12.4	0.5
	BS-230 <sup>5</sup>	μmol/L	654	566	—	742	29	BS-600 <sup>15</sup>	μmol/L	651	563	—	739	29
		mg/dL	11.0	9.5	—	12.5	0.5		mg/dL	10.9	9.5	—	12.4	0.5
	BS-240E <sup>6</sup>	μmol/L	651	563	—	739	29	BS-600M <sup>16</sup>	μmol/L	676	585	—	767	30
		mg/dL	10.9	9.5	—	12.4	0.5		mg/dL	11.4	9.8	—	12.9	0.5
	BS-300 <sup>7</sup>	μmol/L	654	566	—	742	29	BS-620M <sup>17</sup>	μmol/L	676	585	—	767	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	620	536	—	704	28	BS-800 <sup>18</sup>	μmol/L	651	563	—	739	29
		mg/dL	10.4	9.0	—	11.8	0.5		mg/dL	10.9	9.5	—	12.4	0.5
	BS-330E <sup>9</sup>	μmol/L	654	566	—	742	29	BS-2000 <sup>19</sup>	μmol/L	659	570	—	748	30
		mg/dL	11.0	9.5	—	12.5	0.5		mg/dL	11.1	9.6	—	12.6	0.5
	BS-360E <sup>10</sup>	μmol/L	655	567	—	743	29	BS-2800M <sup>20</sup>	μmol/L	676	585	—	767	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	20.4	17.3	—	23.5	1.0	BS-380 <sup>11</sup>	mmol/L	20.7	17.6	—	23.8	1.0
		mg/dL	123	104	—	141	6		mg/dL	124	106	—	143	6
	BS-180 <sup>2</sup>	mmol/L	20.4	17.3	—	23.5	1.0	BS-400 <sup>12</sup>	mmol/L	20.7	17.6	—	23.8	1.0
		mg/dL	123	104	—	141	6		mg/dL	124	106	—	143	6
	BS-200 <sup>3</sup>	mmol/L	20.4	17.3	—	23.5	1.0	BS-430 <sup>13</sup>	mmol/L	20.7	17.6	—	23.8	1.0
		mg/dL	123	104	—	141	6		mg/dL	124	106	—	143	6
	BS-200E <sup>4</sup>	mmol/L	21.3	18.1	—	24.5	1.1	BS-480 <sup>14</sup>	mmol/L	20.7	17.6	—	23.8	1.0
		mg/dL	128	109	—	147	7		mg/dL	124	106	—	143	6
	BS-230 <sup>5</sup>	mmol/L	20.9	17.8	—	24.0	1.0	BS-600 <sup>15</sup>	mmol/L	20.7	17.6	—	23.8	1.0
		mg/dL	126	107	—	144	6		mg/dL	124	106	—	143	6
	BS-240E <sup>6</sup>	mmol/L	20.7	17.6	—	23.8	1.0	BS-600M <sup>16</sup>	mmol/L	20.2	17.2	—	23.2	1.0
		mg/dL	124	106	—	143	6		mg/dL	121	103	—	139	6
	BS-300 <sup>7</sup>	mmol/L	20.7	17.6	—	23.8	1.0	BS-620M <sup>17</sup>	mmol/L	20.2	17.2	—	23.2	1.0
		mg/dL	124	106	—	143	6		mg/dL	121	103	—	139	6
	BS-330 <sup>8</sup>	mmol/L	20.4	17.3	—	23.5	1.0	BS-800 <sup>18</sup>	mmol/L	20.7	17.6	—	23.8	1.0
		mg/dL	123	104	—	141	6		mg/dL	124	106	—	143	6
	BS-330E <sup>9</sup>	mmol/L	21.3	18.1	—	24.5	1.1	BS-2000 <sup>19</sup>	mmol/L	20.9	17.8	—	24.0	1.0
		mg/dL	128	109	—	147	7		mg/dL	126	107	—	144	6
	BS-360E <sup>10</sup>	mmol/L	20.7	17.6	—	23.8	1.0	BS-2800M <sup>20</sup>	mmol/L	20.5	17.4	—	23.6	1.0
		mg/dL	124	106	—	143	6		mg/dL	123	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	93.5	74.7	—	112.3	6.3	BS-380 <sup>11</sup>	U/L	97.2	77.7	—	116.7	6.5	
		μkat/L	1.56	1.25	—	1.88	0.11		μkat/L	1.62	1.30	—	1.95	0.11	
	BS-180 <sup>2</sup>	U/L	/	/	—	/	/	BS-400 <sup>12</sup>	U/L	97.2	77.7	—	116.7	6.5	
		μkat/L	/	/	—	/	/		μkat/L	1.62	1.30	—	1.95	0.11	
	BS-200 <sup>3</sup>	U/L	101	81	—	121	7	BS-430 <sup>13</sup>	U/L	99.2	79.3	—	119.1	6.6	
		μkat/L	1.69	1.35	—	2.02	0.12		μkat/L	1.66	1.32	—	1.99	0.11	
	BS-200E <sup>4</sup>	U/L	95.5	76.3	—	114.7	6.4	BS-480 <sup>14</sup>	U/L	96.5	77.1	—	115.9	6.5	
		μkat/L	1.59	1.27	—	1.92	0.11		μkat/L	1.61	1.29	—	1.94	0.11	
	BS-230 <sup>5</sup>	U/L	98.3	78.5	—	118.1	6.6	BS-600 <sup>15</sup>	U/L	97.2	77.7	—	116.7	6.5	
		μkat/L	1.64	1.31	—	1.97	0.11		μkat/L	1.62	1.30	—	1.95	0.11	
	BS-240E <sup>6</sup>	U/L	96.3	76.9	—	115.7	6.5	BS-600M <sup>16</sup>	U/L	98.4	78.6	—	118.2	6.6	
		μkat/L	1.61	1.28	—	1.93	0.11		μkat/L	1.64	1.31	—	1.97	0.11	
	BS-300 <sup>7</sup>	U/L	95.1	76.0	—	114.2	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	97.2	77.7	—	116.7	6.5	
		μkat/L	/	/	—	/	/		μkat/L	1.62	1.30	—	1.95	0.11	
	BS-330E <sup>9</sup>	U/L	95.5	76.3	—	114.7	6.4	BS-2000 <sup>19</sup>	U/L	97.8	78.1	—	117.5	6.6	
		μkat/L	1.59	1.27	—	1.92	0.11		μkat/L	1.63	1.30	—	1.96	0.11	
	BS-360E <sup>10</sup>	U/L	98.2	78.5	—	117.9	6.6	BS-2800M <sup>20</sup>	U/L	99.7	79.7	—	119.7	6.7	
		μkat/L	1.64	1.31	—	1.97	0.11		μkat/L	1.66	1.33	—	2.00	0.11	
CHE	BS-200 <sup>3</sup>	U/L	8230	6576	—	9884	551	BS-400 <sup>12</sup>	U/L	8362	6681	—	10043	560	
		μkat/L	137	110	—	165	9		μkat/L	140	112	—	168	9	
	BS-200E <sup>4</sup>	U/L	8056	6437	—	9675	540	BS-430 <sup>13</sup>	U/L	8417	6725	—	10109	564	
		μkat/L	135	107	—	162	9		μkat/L	141	112	—	169	9	
	BS-230 <sup>5</sup>	U/L	8246	6589	—	9903	552	BS-480 <sup>14</sup>	U/L	8251	6593	—	9909	553	
		μkat/L	138	110	—	165	9		μkat/L	138	110	—	165	9	
	BS-240E <sup>6</sup>	U/L	8252	6593	—	9911	553	BS-600 <sup>15</sup>	U/L	8417	6725	—	10109	564	
		μkat/L	138	110	—	166	9		μkat/L	141	112	—	169	9	
	BS-300 <sup>7</sup>	U/L	8147	6509	—	9785	546	BS-600M <sup>16</sup>	U/L	8339	6663	—	10015	559	
		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	8339	6663	—	10015	559	
		μkat/L	/	/	—	/	/		μkat/L	139	111	—	167	9	
	BS-330E <sup>9</sup>	U/L	8056	6437	—	9675	540	BS-800 <sup>18</sup>	U/L	8417	6725	—	10109	564	
		μkat/L	135	107	—	162	9		μkat/L	141	112	—	169	9	
	BS-360E <sup>10</sup>	U/L	8342	6665	—	10019	559	BS-2000 <sup>19</sup>	U/L	8365	6684	—	10046	560	
		μkat/L	139	111	—	167	9		μkat/L	140	112	—	168	9	
	BS-380 <sup>11</sup>	U/L	8362	6681	—	10043	560	BS-2800M <sup>20</sup>	U/L	8339	6663	—	10015	559	
		μkat/L	140	112	—	168	9		μkat/L	139	111	—	167	9	
	Fe	BS-120 <sup>1</sup>	μmol/L	45.1	36.0	—	54.2	3.0	BS-380 <sup>11</sup>	μmol/L	45.0	36.0	—	54.0	3.0
			mg/L	2.53	2.02	—	3.04	0.17		mg/L	2.52	2.02	—	3.02	0.17
BS-180 <sup>2</sup>		μmol/L	45.1	36.0	—	54.2	3.0	BS-400 <sup>12</sup>	μmol/L	45.1	36.0	—	54.2	3.0	
		mg/L	2.53	2.02	—	3.04	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	44.8	35.8	—	53.8	3.0	
		mg/L	2.51	2.01	—	3.02	0.17		mg/L	2.51	2.00	—	3.01	0.17	
BS-200E <sup>4</sup>		μmol/L	45.2	36.1	—	54.3	3.0	BS-480 <sup>14</sup>	μmol/L	44.7	35.7	—	53.7	3.0	
		mg/L	2.53	2.02	—	3.04	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	44.8	35.8	—	53.8	3.0	BS-600M <sup>16</sup>	μmol/L	44.5	35.6	—	53.4	3.0	
		mg/L	2.51	2.00	—	3.01	0.17		mg/L	2.49	1.99	—	2.99	0.17	
BS-300 <sup>7</sup>		μmol/L	45.0	36.0	—	54.0	3.0	BS-620M <sup>17</sup>	μmol/L	44.5	35.6	—	53.4	3.0	
		mg/L	2.52	2.02	—	3.02	0.17		mg/L	2.49	1.99	—	2.99	0.17	
BS-330 <sup>8</sup>		μmol/L	44.9	35.9	—	53.9	3.0	BS-800 <sup>18</sup>	μmol/L	44.7	35.7	—	53.7	3.0	
		mg/L	2.51	2.01	—	3.02	0.17		mg/L	2.50	2.00	—	3.01	0.17	
BS-330E <sup>9</sup>		μmol/L	45.2	36.1	—	54.3	3.0	BS-2000 <sup>19</sup>	μmol/L	44.0	35.2	—	52.8	2.9	
		mg/L	2.53	2.02	—	3.04	0.17		mg/L	2.46	1.97	—	2.96	0.16	
BS-360E <sup>10</sup>		μmol/L	44.8	35.8	—	53.8	3.0	BS-2800M <sup>20</sup>	μmol/L	43.9	35.1	—	52.7	2.9	
		mg/L	2.51	2.00	—	3.01	0.17		mg/L	2.46	1.97	—	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	35.4	28.3	—	42.5	2.4	<b>BS-600</b> <sup>15</sup>	μmol/L	35.9	28.7	—	43.1	2.4
		μg/dL	198	158	—	238	13		μg/dL	201	160	—	241	13
	<b>BS-240E</b> <sup>6</sup>	μmol/L	37.7	30.1	—	45.3	2.5	<b>BS-600M</b> <sup>16</sup>	μmol/L	35.9	28.7	—	43.1	2.4
		μg/dL	211	168	—	253	14		μg/dL	201	160	—	241	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	35.9	28.7	—	43.1	2.4
		μg/dL	205	164	—	247	14		μg/dL	201	160	—	241	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	35.9	28.7	—	43.1	2.4
		μg/dL	209	167	—	250	14		μg/dL	201	160	—	241	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	35.3	28.2	—	42.4	2.4
		μg/dL	209	167	—	250	14		μg/dL	197	158	—	237	13
	<b>BS-430</b> <sup>13</sup>	μmol/L	35.9	28.7	—	43.1	2.4	<b>BS-2800M</b> <sup>20</sup>	μmol/L	34.6	27.6	—	41.6	2.3
		μg/dL	201	160	—	241	13		μg/dL	193	154	—	233	13
	<b>BS-480</b> <sup>14</sup>	μmol/L	36.8	29.4	—	44.2	2.5							
		μg/dL	206	164	—	247	14							
<b>ASOII</b>	<b>BS-200E</b> <sup>4</sup>	IU/mL	260	169	—	351	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	260	169	—	351	30	<b>BS-800</b> <sup>18</sup>	IU/mL	258	167	—	349	30
	<b>BS-400</b> <sup>12</sup>	IU/mL	260	169	—	351	30	<b>BS-2000</b> <sup>19</sup>	IU/mL	257	167	—	347	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	189	161	—	217	9
		pmol/L	434	369	—	499	22		pmol/L	425	362	—	488	20
	<b>BS-230</b> <sup>5</sup>	ng/mL	194	165	—	223	10	<b>BS-600</b> <sup>15</sup>	ng/mL	189	161	—	217	9
		pmol/L	436	371	—	501	22		pmol/L	425	362	—	488	20
	<b>BS-240E</b> <sup>6</sup>	ng/mL	189	161	—	217	9	<b>BS-600M</b> <sup>16</sup>	ng/mL	191	162	—	220	10
		pmol/L	425	362	—	488	20		pmol/L	429	364	—	494	22
	<b>BS-360E</b> <sup>10</sup>	ng/mL	189	161	—	217	9	<b>BS-620M</b> <sup>17</sup>	ng/mL	191	162	—	220	10
		pmol/L	425	362	—	488	20		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	189	161	—	217	9
		pmol/L	434	369	—	499	22		pmol/L	425	362	—	488	20
	<b>BS-400</b> <sup>12</sup>	ng/mL	193	164	—	222	10	<b>BS-2000</b> <sup>19</sup>	ng/mL	190	162	—	219	10
		pmol/L	434	369	—	499	22		pmol/L	427	364	—	492	22
<b>BS-430</b> <sup>13</sup>	ng/mL	189	161	—	217	9	<b>BS-2800M</b> <sup>20</sup>	ng/mL	191	162	—	220	10	
	pmol/L	425	362	—	488	20		pmol/L	429	364	—	494	22	
<b>BS-120</b> <sup>1</sup>	mg/L	/	/	—	/	/	<b>BS-380</b> <sup>11</sup>	mg/L	54.2	37.9	—	70.5	5.4	
	nmol/L	/	/	—	/	/		nmol/L	516	361	—	671	51	
<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	55.3	38.7	—	71.9	5.5	
	nmol/L	/	/	—	/	/		nmol/L	526	368	—	684	52	
<b>BS-200E</b> <sup>4</sup>	mg/L	55.8	39.1	—	72.5	5.6	<b>BS-480</b> <sup>14</sup>	mg/L	53.7	37.6	—	69.8	5.4	
	nmol/L	531	372	—	690	53		nmol/L	511	358	—	664	51	
<b>BS-230</b> <sup>5</sup>	mg/L	55.5	38.9	—	72.2	5.6	<b>BS-600</b> <sup>15</sup>	mg/L	53.7	37.6	—	69.8	5.4	
	nmol/L	528	370	—	687	53		nmol/L	511	358	—	664	51	
<b>BS-240E</b> <sup>6</sup>	mg/L	57.1	40.0	—	74.2	5.7	<b>BS-600M</b> <sup>16</sup>	mg/L	54.0	37.8	—	70.2	5.4	
	nmol/L	544	381	—	706	54		nmol/L	514	360	—	668	51	
<b>BS-300</b> <sup>7</sup>	mg/L	54.2	37.9	—	70.5	5.4	<b>BS-620M</b> <sup>17</sup>	mg/L	54.0	37.8	—	70.2	5.4	
	nmol/L	516	361	—	671	51		nmol/L	514	360	—	668	51	
<b>BS-330</b> <sup>8</sup>	mg/L	/	/	—	/	/	<b>BS-800</b> <sup>18</sup>	mg/L	53.7	37.6	—	69.8	5.4	
	nmol/L	/	/	—	/	/		nmol/L	511	358	—	664	51	
<b>BS-330E</b> <sup>9</sup>	mg/L	55.8	39.1	—	72.5	5.6	<b>BS-2000</b> <sup>19</sup>	mg/L	54.1	37.9	—	70.3	5.4	
	nmol/L	531	372	—	690	53		nmol/L	515	361	—	669	51	
<b>BS-360E</b> <sup>10</sup>	mg/L	53.7	37.6	—	69.8	5.4	<b>BS-2800M</b> <sup>20</sup>	mg/L	54.0	37.8	—	70.2	5.4	
	nmol/L	511	358	—	664	51		nmol/L	514	360	—	668	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	3.16	2.69	—	3.63	0.16	BS-430 <sup>13</sup>	g/L	3.20	2.72	—	3.68	0.16
		μmol/L	39.8	33.9	—	45.7	2.0		μmol/L	40.3	34.3	—	46.4	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	3.07	2.61	—	3.53	0.15	BS-600 <sup>15</sup>	g/L	3.17	2.69	—	3.65	0.16
		μmol/L	38.7	32.9	—	44.5	1.9		μmol/L	39.9	33.9	—	46.0	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	3.13	2.66	—	3.60	0.16	BS-620M <sup>17</sup>	g/L	3.19	2.71	—	3.67	0.16
		μmol/L	39.4	33.5	—	45.4	2.0		μmol/L	40.2	34.1	—	46.2	2.0
	BS-240E <sup>6</sup>	g/L	3.16	2.69	—	3.63	0.16	BS-800 <sup>18</sup>	g/L	3.17	2.69	—	3.65	0.16
		μmol/L	39.8	33.9	—	45.7	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	3.10	2.64	—	3.57	0.16
		μmol/L	39.9	33.9	—	46.0	2.0		μmol/L	39.1	33.3	—	45.0	2.0
	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	151	136	—	166	5
	BS-230 <sup>5</sup>	mmol/L	154	139	—	169	5	BS-600 <sup>15</sup>	mmol/L	146	132	—	160	5
	BS-240E <sup>6</sup>	mmol/L	148	133	—	163	5	BS-600M <sup>16</sup>	mmol/L	148	133	—	163	5
	BS-300 <sup>7</sup>	mmol/L	154	139	—	169	5	BS-620M <sup>17</sup>	mmol/L	148	133	—	163	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	8.04	7.24	—	8.84	0.27	BS-380 <sup>11</sup>	mmol/L	8.04	7.24	—	8.84	0.27
	BS-180 <sup>2</sup>	mmol/L	8.04	7.24	—	8.84	0.27	BS-400 <sup>12</sup>	mmol/L	8.04	7.24	—	8.84	0.27
	BS-200 <sup>3</sup>	mmol/L	8.04	7.24	—	8.84	0.27	BS-430 <sup>13</sup>	mmol/L	7.86	7.08	—	8.64	0.26
	BS-200E <sup>4</sup>	mmol/L	8.04	7.24	—	8.84	0.27	BS-480 <sup>14</sup>	mmol/L	7.91	7.13	—	8.69	0.26
	BS-230 <sup>5</sup>	mmol/L	8.04	7.24	—	8.84	0.27	BS-600 <sup>15</sup>	mmol/L	7.68	6.92	—	8.44	0.25
	BS-240E <sup>6</sup>	mmol/L	7.53	6.78	—	8.28	0.25	BS-600M <sup>16</sup>	mmol/L	7.44	6.70	—	8.18	0.25
	BS-300 <sup>7</sup>	mmol/L	8.04	7.24	—	8.84	0.27	BS-620M <sup>17</sup>	mmol/L	7.44	6.70	—	8.18	0.25
	BS-330 <sup>8</sup>	mmol/L	8.04	7.24	—	8.84	0.27	BS-800 <sup>18</sup>	mmol/L	7.27	6.55	—	7.99	0.24
	BS-330E <sup>9</sup>	mmol/L	8.04	7.24	—	8.84	0.27	BS-2000 <sup>19</sup>	mmol/L	7.27	6.55	—	7.99	0.24
	BS-360E <sup>10</sup>	mmol/L	8.04	7.24	—	8.84	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	109	98	—	120	4
	BS-240E <sup>6</sup>	mmol/L	112	101	—	123	4	BS-600M <sup>16</sup>	mmol/L	110	99	—	121	4
	BS-300 <sup>7</sup>	mmol/L	113	102	—	124	4	BS-620M <sup>17</sup>	mmol/L	110	99	—	121	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