

## 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 and ApoB 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** : 059323005



: 2025-03-31

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	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 Glutamyl Transferase	α-Hidroxi butirato Desidrogenase	Apolipoproteína A1	Apolipoproteína B	complemento C3

<b>Español</b>	Gamma-Glutamiltransferasa	α-hidroxitbutirato deshidrogenasa	Apolipoproteína A1	Apolipoproteína B	complemento C3					
<b>Italiano</b>	Gamma-glutamyltransferasi	α-idrossibutirrato deidrogenasi	Apolipoproteina A1	Apolipoproteina B	complemento C3					
<b>Türkçe</b>	Gamma-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	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	Inmunoglobulina A	Inmunoglobulina G	Inmunoglobulina M					
<b>Italiano</b>	complemento C4	proteina C-reattiva	Immunoglobulina A	Immunoglobulina G	Immunoglobulina M					
<b>Türkçe</b>	Kompleman C4	C-Reaktif proteini	İmmünoglobulin A	İmmünoglobulin G	İmmünoglobulin M					
<b>PA</b>		<b>LDH</b>		<b>Mg</b>		<b>P</b>		<b>TP</b>		
<b>English</b>	Prealbumin	Lactate Dehydrogenase	Magnesium	Phosphorus	Total Protein					
<b>Русский</b>	преальбумина	Лактатдегидрогеназа	Магний	Фосфор	Общий белок					
<b>Português</b>	pré-albumina	Lactato Desidrogenase	Magnésio	Fósforo	Proteína Total					
<b>Español</b>	Prealbúmina	Lactato deshidrogenasa	Magnesio	Fósforo	Proteínas totales					
<b>Italiano</b>	prealbumina	Lattato deidrogenasi	Magnesio	Fosforo	Proteina totale					
<b>Türkçe</b>	Prealbümin	Laktat Dehidrogenaz	Magnezyum	Fosfor	Total Protein					
<b>TG</b>		<b>UA</b>		<b>Urea</b>		<b>LIP</b>		<b>CHE</b>		
<b>English</b>	Triglycerides	Uric Acid	Urea	Lipase	Cholinesterase					
<b>Русский</b>	Триглицериды	Мочевая кислота	Мочевина	Липаза	Холинэстераза					
<b>Português</b>	Triglicérideos	Ácido Úrico	Ureia	Lipase	Colinesterase					
<b>Español</b>	Triglicéridos	Ácido úrico	Urea	Lipasa	Colinesterasa					
<b>Italiano</b>	Trigliceridi	Acido urico	Urea	Lipasi	Colinesterasi					
<b>Türkçe</b>	Trigliseritler	Ürik Asit	Üre	Lipaz	Kolinesteraz					
<b>Fe</b>		<b>UIBC</b>		<b>ASO</b>		<b>FER</b>		<b>TRF</b>		
<b>English</b>	Iron	Unsaturated Iron Binding Capacity	Antistreptolysin "O"	Ferritin	Transferrin					
<b>Русский</b>	Железо	ненасыщенная железосвязывающая способность	антистрептолизина O	ферритина	трансферрина					
<b>Português</b>	Ferro	Capacidade de ligação de ferro insaturado	Anti-streptolisina "O"	Ferritina	Transferrina					
<b>Español</b>	Hierro	Capacidad de unión de hierro no saturado	anti-streptolisina "O"	Ferritina	Transferrina					
<b>Italiano</b>	Ferro	Capacità di legame del ferro insaturo	Anti-Streptolisina "O"	Ferritina	Transferrina					
<b>Türkçe</b>	Demir	Unsature Demir Bağlama Kapasitesi	Antistreptolisın "O"	Ferritin	Transferin					
<b>Na<sup>+</sup></b>		<b>K<sup>+</sup></b>		<b>Cl<sup>-</sup></b>						
<b>English</b>	Sodium	Potassium	Chlorine							
<b>Русский</b>	Натрий	Калий	Хлориды							
<b>Português</b>	Sódio	Potássio	Cloro							
<b>Español</b>	Sodio	Potasio	Cloro							
<b>Italiano</b>	Sodio	Potassio	Cloro							
<b>Türkçe</b>	Sodyum	Potasyum	Klor							
Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD
<b>ALB II</b>	<b>BS-120</b> <sup>1</sup>	g/L	31.7	26.9 — 36.5	1.6	<b>BS-380</b> <sup>11</sup>	g/L	31.5	26.8 — 36.2	1.6
		μmol/L	482	409 — 555	24		μmol/L	479	407 — 550	24
	<b>BS-180</b> <sup>2</sup>	g/L	31.7	26.9 — 36.5	1.6	<b>BS-400</b> <sup>12</sup>	g/L	31.7	26.9 — 36.5	1.6
		μmol/L	482	409 — 555	24		μmol/L	482	409 — 555	24
	<b>BS-200</b> <sup>3</sup>	g/L	31.7	26.9 — 36.5	1.6	<b>BS-430</b> <sup>13</sup>	g/L	31.4	26.7 — 36.1	1.6
		μmol/L	482	409 — 555	24		μmol/L	477	406 — 549	24
	<b>BS-200E</b> <sup>4</sup>	g/L	31.5	26.8 — 36.2	1.6	<b>BS-480</b> <sup>14</sup>	g/L	31.7	26.9 — 36.5	1.6
		μmol/L	479	407 — 550	24		μmol/L	482	409 — 555	24
	<b>BS-230</b> <sup>5</sup>	g/L	30.8	26.2 — 35.4	1.5	<b>BS-600</b> <sup>15</sup>	g/L	31.4	26.7 — 36.1	1.6
		μmol/L	468	398 — 538	23		μmol/L	477	406 — 549	24
	<b>BS-240E</b> <sup>6</sup>	g/L	31.5	26.8 — 36.2	1.6	<b>BS-600M</b> <sup>16</sup>	g/L	32.1	27.3 — 36.9	1.6
		μmol/L	479	407 — 550	24		μmol/L	488	415 — 561	24
	<b>BS-300</b> <sup>7</sup>	g/L	31.6	26.9 — 36.3	1.6	<b>BS-620M</b> <sup>17</sup>	g/L	32.1	27.3 — 36.9	1.6
		μmol/L	480	409 — 552	24		μmol/L	488	415 — 561	24
	<b>BS-330</b> <sup>8</sup>	g/L	31.7	26.9 — 36.5	1.6	<b>BS-800</b> <sup>18</sup>	g/L	31.4	26.7 — 36.1	1.6
		μmol/L	482	409 — 555	24		μmol/L	477	406 — 549	24
	<b>BS-330E</b> <sup>9</sup>	g/L	31.5	26.8 — 36.2	1.6	<b>BS-2000</b> <sup>19</sup>	g/L	31.8	27.0 — 36.6	1.6
		μmol/L	479	407 — 550	24		μmol/L	483	410 — 556	24
	<b>BS-360E</b> <sup>10</sup>	g/L	31.4	26.7 — 36.1	1.6	<b>BS-2800M</b> <sup>20</sup>	g/L	32.1	27.3 — 36.9	1.6
		μmol/L	477	406 — 549	24		μmol/L	488	415 — 561	24

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	98.9	84.1	—	113.7	4.9	BS-380 <sup>11</sup>	U/L	99.1	84.2	—	114.0	5.0
		µkat/L	1.65	1.40	—	1.90	0.08		µkat/L	1.65	1.41	—	1.90	0.08
	BS-180 <sup>2</sup>	U/L	98.9	84.1	—	113.7	4.9	BS-400 <sup>12</sup>	U/L	99.1	84.2	—	114.0	5.0
		µkat/L	1.65	1.40	—	1.90	0.08		µkat/L	1.65	1.41	—	1.90	0.08
	BS-200 <sup>3</sup>	U/L	97.8	83.1	—	112.5	4.9	BS-430 <sup>13</sup>	U/L	99.4	84.5	—	114.3	5.0
		µkat/L	1.63	1.39	—	1.88	0.08		µkat/L	1.66	1.41	—	1.91	0.08
	BS-200E <sup>4</sup>	U/L	98.9	84.1	—	113.7	4.9	BS-480 <sup>14</sup>	U/L	98.1	83.4	—	112.8	4.9
		µkat/L	1.65	1.40	—	1.90	0.08		µkat/L	1.64	1.39	—	1.88	0.08
	BS-230 <sup>5</sup>	U/L	98.7	83.9	—	113.5	4.9	BS-600 <sup>15</sup>	U/L	99.1	84.2	—	114.0	5.0
		µkat/L	1.65	1.40	—	1.90	0.08		µkat/L	1.65	1.41	—	1.90	0.08
	BS-240E <sup>6</sup>	U/L	98.9	84.1	—	113.7	4.9	BS-600M <sup>16</sup>	U/L	102	87	—	117	5
		µkat/L	1.65	1.40	—	1.90	0.08		µkat/L	1.70	1.45	—	1.95	0.08
	BS-300 <sup>7</sup>	U/L	99.1	84.0	—	114.0	5.0	BS-620M <sup>17</sup>	U/L	102	87	—	117	5
		µkat/L	1.65	1.40	—	1.90	0.08		µkat/L	1.70	1.45	—	1.95	0.08
	BS-330 <sup>8</sup>	U/L	97.8	83.1	—	112.5	4.9	BS-800 <sup>18</sup>	U/L	99.1	84.2	—	114.0	5.0
		µkat/L	1.63	1.39	—	1.88	0.08		µkat/L	1.65	1.41	—	1.90	0.08
	BS-330E <sup>9</sup>	U/L	98.9	84.1	—	113.7	4.9	BS-2000 <sup>19</sup>	U/L	100	85	—	115	5
		µkat/L	1.65	1.40	—	1.90	0.08		µkat/L	1.67	1.42	—	1.92	0.08
	BS-360E <sup>10</sup>	U/L	98.9	84.1	—	113.7	4.9	BS-2800M <sup>20</sup>	U/L	100	85	—	115	5
		µkat/L	1.65	1.40	—	1.90	0.08		µkat/L	1.67	1.42	—	1.92	0.08
ALT	BS-120 <sup>1</sup>	U/L	62.1	52.8	—	71.4	3.1	BS-380 <sup>11</sup>	U/L	63.3	53.8	—	72.8	3.2
		µkat/L	1.04	0.88	—	1.19	0.05		µkat/L	1.06	0.90	—	1.22	0.05
	BS-180 <sup>2</sup>	U/L	62.1	52.8	—	71.4	3.1	BS-400 <sup>12</sup>	U/L	63.3	53.8	—	72.8	3.2
		µkat/L	1.04	0.88	—	1.19	0.05		µkat/L	1.06	0.90	—	1.22	0.05
	BS-200 <sup>3</sup>	U/L	62.1	52.8	—	71.4	3.1	BS-430 <sup>13</sup>	U/L	63.0	53.6	—	72.5	3.2
		µkat/L	1.04	0.88	—	1.19	0.05		µkat/L	1.05	0.90	—	1.21	0.05
	BS-200E <sup>4</sup>	U/L	61.5	52.3	—	70.7	3.1	BS-480 <sup>14</sup>	U/L	63.4	53.9	—	72.9	3.2
		µkat/L	1.03	0.87	—	1.18	0.05		µkat/L	1.06	0.90	—	1.22	0.05
	BS-230 <sup>5</sup>	U/L	62.8	53.4	—	72.2	3.1	BS-600 <sup>15</sup>	U/L	63.0	53.6	—	72.5	3.2
		µkat/L	1.05	0.89	—	1.21	0.05		µkat/L	1.05	0.90	—	1.21	0.05
	BS-240E <sup>6</sup>	U/L	62.3	53.0	—	71.6	3.1	BS-600M <sup>16</sup>	U/L	64.0	54.4	—	73.6	3.2
		µkat/L	1.04	0.89	—	1.20	0.05		µkat/L	1.07	0.91	—	1.23	0.05
	BS-300 <sup>7</sup>	U/L	61.5	52.3	—	70.7	3.1	BS-620M <sup>17</sup>	U/L	64.0	54.4	—	73.6	3.2
		µkat/L	1.03	0.87	—	1.18	0.05		µkat/L	1.07	0.91	—	1.23	0.05
	BS-330 <sup>8</sup>	U/L	62.1	52.8	—	71.4	3.1	BS-800 <sup>18</sup>	U/L	63.0	53.6	—	72.5	3.2
		µkat/L	1.04	0.88	—	1.19	0.05		µkat/L	1.05	0.90	—	1.21	0.05
	BS-330E <sup>9</sup>	U/L	61.5	52.3	—	70.7	3.1	BS-2000 <sup>19</sup>	U/L	63.0	53.6	—	72.5	3.2
		µkat/L	1.03	0.87	—	1.18	0.05		µkat/L	1.05	0.90	—	1.21	0.05
	BS-360E <sup>10</sup>	U/L	62.6	53.2	—	72.0	3.1	BS-2800M <sup>20</sup>	U/L	64.0	54.4	—	73.6	3.2
		µkat/L	1.05	0.89	—	1.20	0.05		µkat/L	1.07	0.91	—	1.23	0.05
α-AMY	BS-120 <sup>1</sup>	U/L	84.4	71.7	—	97.1	4.2	BS-380 <sup>11</sup>	U/L	83.8	71.2	—	96.4	4.2
		µkat/L	1.41	1.20	—	1.62	0.07		µkat/L	1.40	1.19	—	1.61	0.07
	BS-180 <sup>2</sup>	U/L	84.4	71.7	—	97.1	4.2	BS-400 <sup>12</sup>	U/L	83.8	71.2	—	96.4	4.2
		µkat/L	1.41	1.20	—	1.62	0.07		µkat/L	1.40	1.19	—	1.61	0.07
	BS-200 <sup>3</sup>	U/L	82.9	70.5	—	95.3	4.1	BS-430 <sup>13</sup>	U/L	83.8	71.2	—	96.4	4.2
		µkat/L	1.38	1.18	—	1.59	0.07		µkat/L	1.40	1.19	—	1.61	0.07
	BS-200E <sup>4</sup>	U/L	82.1	69.8	—	94.4	4.1	BS-480 <sup>14</sup>	U/L	84.5	71.8	—	97.2	4.2
		µkat/L	1.37	1.17	—	1.58	0.07		µkat/L	1.41	1.20	—	1.62	0.07
	BS-230 <sup>5</sup>	U/L	85.2	72.4	—	98.0	4.3	BS-600 <sup>15</sup>	U/L	84.5	71.8	—	97.2	4.2
		µkat/L	1.42	1.21	—	1.64	0.07		µkat/L	1.41	1.20	—	1.62	0.07
	BS-240E <sup>6</sup>	U/L	83.6	71.1	—	96.1	4.2	BS-600M <sup>16</sup>	U/L	84.6	71.9	—	97.3	4.2
		µkat/L	1.40	1.19	—	1.60	0.07		µkat/L	1.41	1.20	—	1.62	0.07
	BS-300 <sup>7</sup>	U/L	84.2	71.6	—	96.8	4.2	BS-620M <sup>17</sup>	U/L	84.6	71.9	—	97.3	4.2
		µkat/L	1.41	1.20	—	1.62	0.07		µkat/L	1.41	1.20	—	1.62	0.07
	BS-330 <sup>8</sup>	U/L	82.9	70.5	—	95.3	4.1	BS-800 <sup>18</sup>	U/L	84.3	71.7	—	96.9	4.2
		µkat/L	1.38	1.18	—	1.59	0.07		µkat/L	1.41	1.20	—	1.62	0.07
	BS-330E <sup>9</sup>	U/L	82.1	69.8	—	94.4	4.1	BS-2000 <sup>19</sup>	U/L	84.7	72.0	—	97.4	4.2
		µkat/L	1.37	1.17	—	1.58	0.07		µkat/L	1.41	1.20	—	1.63	0.07
	BS-360E <sup>10</sup>	U/L	82.5	70.1	—	94.9	4.1	BS-2800M <sup>20</sup>	U/L	84.6	71.9	—	97.3	4.2
		µkat/L	1.38	1.17	—	1.58	0.07		µkat/L	1.41	1.20	—	1.62	0.07

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>	<b>BS-120</b> <sup>1</sup>	U/L	49.1	41.7	—	56.5	2.5	<b>BS-380</b> <sup>11</sup>	U/L	49.3	41.9	—	56.7	2.5
		μkat/L	0.820	0.696	—	0.944	0.042		μkat/L	0.823	0.700	—	0.947	0.042
	<b>BS-180</b> <sup>2</sup>	U/L	49.1	41.7	—	56.5	2.5	<b>BS-400</b> <sup>12</sup>	U/L	49.3	41.9	—	56.7	2.5
		μkat/L	0.820	0.696	—	0.944	0.042		μkat/L	0.823	0.700	—	0.947	0.042
	<b>BS-200</b> <sup>3</sup>	U/L	49.6	42.2	—	57.0	2.5	<b>BS-430</b> <sup>13</sup>	U/L	50.3	42.8	—	57.8	2.5
		μkat/L	0.828	0.705	—	0.952	0.042		μkat/L	0.840	0.715	—	0.965	0.042
	<b>BS-200E</b> <sup>4</sup>	U/L	49.5	42.1	—	56.9	2.5	<b>BS-480</b> <sup>14</sup>	U/L	50.3	42.8	—	57.8	2.5
		μkat/L	0.827	0.703	—	0.950	0.042		μkat/L	0.840	0.715	—	0.965	0.042
	<b>BS-230</b> <sup>5</sup>	U/L	49.8	42.3	—	57.3	2.5	<b>BS-600</b> <sup>15</sup>	U/L	50.3	42.8	—	57.8	2.5
		μkat/L	0.832	0.706	—	0.957	0.042		μkat/L	0.840	0.715	—	0.965	0.042
	<b>BS-240E</b> <sup>6</sup>	U/L	50.3	42.8	—	57.8	2.5	<b>BS-600M</b> <sup>16</sup>	U/L	49.4	42.0	—	56.8	2.5
		μkat/L	0.840	0.715	—	0.965	0.042		μkat/L	0.825	0.701	—	0.949	0.042
	<b>BS-300</b> <sup>7</sup>	U/L	49.3	41.9	—	56.7	2.5	<b>BS-620M</b> <sup>17</sup>	U/L	49.4	42.0	—	56.8	2.5
		μkat/L	0.823	0.700	—	0.947	0.042		μkat/L	0.825	0.701	—	0.949	0.042
	<b>BS-330</b> <sup>8</sup>	U/L	49.6	42.2	—	57.0	2.5	<b>BS-800</b> <sup>18</sup>	U/L	50.3	42.8	—	57.8	2.5
		μkat/L	0.828	0.705	—	0.952	0.042		μkat/L	0.840	0.715	—	0.965	0.042
	<b>BS-330E</b> <sup>9</sup>	U/L	49.5	42.1	—	56.9	2.5	<b>BS-2000</b> <sup>19</sup>	U/L	49.8	42.3	—	57.3	2.5
		μkat/L	0.827	0.703	—	0.950	0.042		μkat/L	0.832	0.706	—	0.957	0.042
	<b>BS-360E</b> <sup>10</sup>	U/L	50.3	42.8	—	57.8	2.5	<b>BS-2800M</b> <sup>20</sup>	U/L	49.4	42.0	—	56.8	2.5
		μkat/L	0.840	0.715	—	0.965	0.042		μkat/L	0.825	0.701	—	0.949	0.042
<b>Bil-D (DSA) II</b>	<b>BS-120</b> <sup>1</sup>	μmol/L	17.5	13.6	—	21.4	1.3	<b>BS-380</b> <sup>11</sup>	μmol/L	17.7	13.7	—	21.7	1.3
		mg/dL	1.02	0.80	—	1.25	0.08		mg/dL	1.04	0.80	—	1.27	0.08
	<b>BS-180</b> <sup>2</sup>	μmol/L	17.5	13.6	—	21.4	1.3	<b>BS-400</b> <sup>12</sup>	μmol/L	17.8	13.8	—	21.8	1.3
		mg/dL	1.02	0.80	—	1.25	0.08		mg/dL	1.04	0.81	—	1.27	0.08
	<b>BS-200</b> <sup>3</sup>	μmol/L	17.5	13.6	—	21.4	1.3	<b>BS-430</b> <sup>13</sup>	μmol/L	17.9	13.9	—	21.9	1.3
		mg/dL	1.02	0.80	—	1.25	0.08		mg/dL	1.05	0.81	—	1.28	0.08
	<b>BS-200E</b> <sup>4</sup>	μmol/L	17.7	13.7	—	21.7	1.3	<b>BS-480</b> <sup>14</sup>	μmol/L	17.7	13.7	—	21.7	1.3
		mg/dL	1.04	0.80	—	1.27	0.08		mg/dL	1.04	0.80	—	1.27	0.08
	<b>BS-230</b> <sup>5</sup>	μmol/L	17.9	13.9	—	21.9	1.3	<b>BS-600</b> <sup>15</sup>	μmol/L	17.6	13.6	—	21.6	1.3
		mg/dL	1.05	0.81	—	1.28	0.08		mg/dL	1.03	0.80	—	1.26	0.08
	<b>BS-240E</b> <sup>6</sup>	μmol/L	17.8	13.8	—	21.8	1.3	<b>BS-600M</b> <sup>16</sup>	μmol/L	17.8	13.8	—	21.8	1.3
		mg/dL	1.04	0.81	—	1.27	0.08		mg/dL	1.04	0.81	—	1.27	0.08
	<b>BS-300</b> <sup>7</sup>	μmol/L	17.5	13.6	—	21.4	1.3	<b>BS-620M</b> <sup>17</sup>	μmol/L	17.8	13.8	—	21.8	1.3
		mg/dL	1.02	0.80	—	1.25	0.08		mg/dL	1.04	0.81	—	1.27	0.08
	<b>BS-330</b> <sup>8</sup>	μmol/L	17.5	13.6	—	21.4	1.3	<b>BS-800</b> <sup>18</sup>	μmol/L	17.9	13.9	—	21.9	1.3
		mg/dL	1.02	0.80	—	1.25	0.08		mg/dL	1.05	0.81	—	1.28	0.08
	<b>BS-330E</b> <sup>9</sup>	μmol/L	17.7	13.7	—	21.7	1.3	<b>BS-2000</b> <sup>19</sup>	μmol/L	17.9	13.9	—	21.9	1.3
		mg/dL	1.04	0.80	—	1.27	0.08		mg/dL	1.05	0.81	—	1.28	0.08
	<b>BS-360E</b> <sup>10</sup>	μmol/L	18.0	14.0	—	22.1	1.4	<b>BS-2800M</b> <sup>20</sup>	μmol/L	17.9	13.9	—	21.9	1.3
		mg/dL	1.05	0.82	—	1.29	0.08		mg/dL	1.05	0.81	—	1.28	0.08
<b>Bil-D (VOX)</b>	<b>BS-120</b> <sup>1</sup>	μmol/L	11.1	8.6	—	13.6	0.8	<b>BS-380</b> <sup>11</sup>	μmol/L	11.2	8.7	—	13.7	0.8
		mg/dL	0.649	0.503	—	0.795	0.047		mg/dL	0.655	0.509	—	0.801	0.047
	<b>BS-180</b> <sup>2</sup>	μmol/L	11.1	8.6	—	13.6	0.8	<b>BS-400</b> <sup>12</sup>	μmol/L	11.1	8.6	—	13.6	0.8
		mg/dL	0.649	0.503	—	0.795	0.047		mg/dL	0.649	0.503	—	0.795	0.047
	<b>BS-200</b> <sup>3</sup>	μmol/L	11.1	8.6	—	13.6	0.8	<b>BS-430</b> <sup>13</sup>	μmol/L	11.0	8.5	—	13.5	0.8
		mg/dL	0.649	0.503	—	0.795	0.047		mg/dL	0.643	0.497	—	0.789	0.047
	<b>BS-200E</b> <sup>4</sup>	μmol/L	11.4	8.8	—	14.0	0.9	<b>BS-480</b> <sup>14</sup>	μmol/L	10.9	8.4	—	13.4	0.8
		mg/dL	0.667	0.515	—	0.819	0.053		mg/dL	0.637	0.491	—	0.784	0.047
	<b>BS-230</b> <sup>5</sup>	μmol/L	11.3	8.8	—	13.8	0.8	<b>BS-600</b> <sup>15</sup>	μmol/L	11.1	8.6	—	13.6	0.8
		mg/dL	0.661	0.515	—	0.807	0.047		mg/dL	0.649	0.503	—	0.795	0.047
	<b>BS-240E</b> <sup>6</sup>	μmol/L	11.1	8.6	—	13.6	0.8	<b>BS-600M</b> <sup>16</sup>	μmol/L	11.1	8.6	—	13.6	0.8
		mg/dL	0.649	0.503	—	0.795	0.047		mg/dL	0.649	0.503	—	0.795	0.047
	<b>BS-300</b> <sup>7</sup>	μmol/L	11.0	8.5	—	13.5	0.8	<b>BS-620M</b> <sup>17</sup>	μmol/L	11.1	8.6	—	13.6	0.8
		mg/dL	0.643	0.497	—	0.789	0.047		mg/dL	0.649	0.503	—	0.795	0.047
	<b>BS-330</b> <sup>8</sup>	μmol/L	11.1	8.6	—	13.6	0.8	<b>BS-800</b> <sup>18</sup>	μmol/L	11.1	8.6	—	13.6	0.8
		mg/dL	0.649	0.503	—	0.795	0.047		mg/dL	0.649	0.503	—	0.795	0.047
	<b>BS-330E</b> <sup>9</sup>	μmol/L	11.4	8.8	—	14.0	0.9	<b>BS-2000</b> <sup>19</sup>	μmol/L	11.2	8.7	—	13.7	0.8
		mg/dL	0.667	0.515	—	0.819	0.053		mg/dL	0.655	0.509	—	0.801	0.047
	<b>BS-360E</b> <sup>10</sup>	μmol/L	11.1	8.6	—	13.6	0.8	<b>BS-2800M</b> <sup>20</sup>	μmol/L	11.1	8.6	—	13.6	0.8
		mg/dL	0.649	0.503	—	0.795	0.047		mg/dL	0.649	0.503	—	0.795	0.047

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>Bil-T (DSA) II</b>	<b>BS-120</b> <sup>1</sup>	μmol/L	18.5	14.3	—	22.7	1.4	<b>BS-380</b> <sup>11</sup>	μmol/L	18.5	14.3	—	22.7	1.4
		mg/dL	1.08	0.84	—	1.33	0.08		mg/dL	1.08	0.84	—	1.33	0.08
	<b>BS-180</b> <sup>2</sup>	μmol/L	18.5	14.3	—	22.7	1.4	<b>BS-400</b> <sup>12</sup>	μmol/L	18.5	14.3	—	22.7	1.4
		mg/dL	1.08	0.84	—	1.33	0.08		mg/dL	1.08	0.84	—	1.33	0.08
	<b>BS-200</b> <sup>3</sup>	μmol/L	18.8	14.6	—	23.0	1.4	<b>BS-430</b> <sup>13</sup>	μmol/L	18.9	14.6	—	23.2	1.4
		mg/dL	1.10	0.85	—	1.35	0.08		mg/dL	1.11	0.85	—	1.36	0.08
	<b>BS-200E</b> <sup>4</sup>	μmol/L	18.5	14.3	—	22.7	1.4	<b>BS-480</b> <sup>14</sup>	μmol/L	18.3	14.2	—	22.4	1.4
		mg/dL	1.08	0.84	—	1.33	0.08		mg/dL	1.07	0.83	—	1.31	0.08
	<b>BS-230</b> <sup>5</sup>	μmol/L	18.6	14.4	—	22.8	1.4	<b>BS-600</b> <sup>15</sup>	μmol/L	18.9	14.6	—	23.2	1.4
		mg/dL	1.09	0.84	—	1.33	0.08		mg/dL	1.11	0.85	—	1.36	0.08
	<b>BS-240E</b> <sup>6</sup>	μmol/L	18.4	14.3	—	22.5	1.4	<b>BS-600M</b> <sup>16</sup>	μmol/L	18.8	14.6	—	23.0	1.4
		mg/dL	1.08	0.84	—	1.32	0.08		mg/dL	1.10	0.85	—	1.35	0.08
	<b>BS-300</b> <sup>7</sup>	μmol/L	18.5	14.3	—	22.7	1.4	<b>BS-620M</b> <sup>17</sup>	μmol/L	18.8	14.6	—	23.0	1.4
		mg/dL	1.08	0.84	—	1.33	0.08		mg/dL	1.10	0.85	—	1.35	0.08
	<b>BS-330</b> <sup>8</sup>	μmol/L	18.8	14.6	—	23.0	1.4	<b>BS-800</b> <sup>18</sup>	μmol/L	18.9	14.6	—	23.2	1.4
		mg/dL	1.10	0.85	—	1.35	0.08		mg/dL	1.11	0.85	—	1.36	0.08
	<b>BS-330E</b> <sup>9</sup>	μmol/L	18.5	14.3	—	22.7	1.4	<b>BS-2000</b> <sup>19</sup>	μmol/L	19.0	14.7	—	23.3	1.4
		mg/dL	1.08	0.84	—	1.33	0.08		mg/dL	1.11	0.86	—	1.36	0.08
	<b>BS-360E</b> <sup>10</sup>	μmol/L	18.9	14.6	—	23.2	1.4	<b>BS-2800M</b> <sup>20</sup>	μmol/L	18.8	14.6	—	23.0	1.4
		mg/dL	1.11	0.85	—	1.36	0.08		mg/dL	1.10	0.85	—	1.35	0.08
<b>Bil-T (VOX)</b>	<b>BS-120</b> <sup>1</sup>	μmol/L	16.7	12.9	—	20.5	1.3	<b>BS-380</b> <sup>11</sup>	μmol/L	16.7	12.9	—	20.5	1.3
		mg/dL	0.977	0.754	—	1.199	0.076		mg/dL	0.977	0.754	—	1.199	0.076
	<b>BS-180</b> <sup>2</sup>	μmol/L	16.7	12.9	—	20.5	1.3	<b>BS-400</b> <sup>12</sup>	μmol/L	16.7	12.9	—	20.5	1.3
		mg/dL	0.977	0.754	—	1.199	0.076		mg/dL	0.977	0.754	—	1.199	0.076
	<b>BS-200</b> <sup>3</sup>	μmol/L	16.7	12.9	—	20.5	1.3	<b>BS-430</b> <sup>13</sup>	μmol/L	16.6	12.9	—	20.3	1.2
		mg/dL	0.977	0.754	—	1.199	0.076		mg/dL	0.971	0.754	—	1.187	0.070
	<b>BS-200E</b> <sup>4</sup>	μmol/L	16.7	12.9	—	20.5	1.3	<b>BS-480</b> <sup>14</sup>	μmol/L	16.6	12.9	—	20.3	1.2
		mg/dL	0.977	0.754	—	1.199	0.076		mg/dL	0.971	0.754	—	1.187	0.070
	<b>BS-230</b> <sup>5</sup>	μmol/L	16.5	12.8	—	20.2	1.2	<b>BS-600</b> <sup>15</sup>	μmol/L	16.6	12.9	—	20.3	1.2
		mg/dL	0.965	0.749	—	1.181	0.070		mg/dL	0.971	0.754	—	1.187	0.070
	<b>BS-240E</b> <sup>6</sup>	μmol/L	16.6	12.9	—	20.3	1.2	<b>BS-600M</b> <sup>16</sup>	μmol/L	16.5	12.8	—	20.2	1.2
		mg/dL	0.971	0.754	—	1.187	0.070		mg/dL	0.965	0.749	—	1.181	0.070
	<b>BS-300</b> <sup>7</sup>	μmol/L	16.7	12.9	—	20.5	1.3	<b>BS-620M</b> <sup>17</sup>	μmol/L	16.5	12.8	—	20.2	1.2
		mg/dL	0.977	0.754	—	1.199	0.076		mg/dL	0.965	0.749	—	1.181	0.070
	<b>BS-330</b> <sup>8</sup>	μmol/L	16.7	12.9	—	20.5	1.3	<b>BS-800</b> <sup>18</sup>	μmol/L	16.6	12.9	—	20.3	1.2
		mg/dL	0.977	0.754	—	1.199	0.076		mg/dL	0.971	0.754	—	1.187	0.070
	<b>BS-330E</b> <sup>9</sup>	μmol/L	16.7	12.9	—	20.5	1.3	<b>BS-2000</b> <sup>19</sup>	μmol/L	16.6	12.9	—	20.3	1.2
		mg/dL	0.977	0.754	—	1.199	0.076		mg/dL	0.971	0.754	—	1.187	0.070
	<b>BS-360E</b> <sup>10</sup>	μmol/L	16.6	12.9	—	20.3	1.2	<b>BS-2800M</b> <sup>20</sup>	μmol/L	16.5	12.8	—	20.2	1.2
		mg/dL	0.971	0.754	—	1.187	0.070		mg/dL	0.965	0.749	—	1.181	0.070
<b>Ca</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	2.15	1.90	—	2.40	0.08	<b>BS-380</b> <sup>11</sup>	mmol/L	2.15	1.90	—	2.40	0.08
		mg/dL	8.62	7.62	—	9.62	0.32		mg/dL	8.62	7.62	—	9.62	0.32
	<b>BS-180</b> <sup>2</sup>	mmol/L	2.15	1.90	—	2.40	0.08	<b>BS-400</b> <sup>12</sup>	mmol/L	2.15	1.90	—	2.40	0.08
		mg/dL	8.62	7.62	—	9.62	0.32		mg/dL	8.62	7.62	—	9.62	0.32
	<b>BS-200</b> <sup>3</sup>	mmol/L	2.13	1.89	—	2.37	0.08	<b>BS-430</b> <sup>13</sup>	mmol/L	2.12	1.88	—	2.36	0.08
		mg/dL	8.54	7.58	—	9.50	0.32		mg/dL	8.50	7.54	—	9.46	0.32
	<b>BS-200E</b> <sup>4</sup>	mmol/L	2.08	1.84	—	2.32	0.08	<b>BS-480</b> <sup>14</sup>	mmol/L	2.15	1.90	—	2.40	0.08
		mg/dL	8.34	7.38	—	9.30	0.32		mg/dL	8.62	7.62	—	9.62	0.32
	<b>BS-230</b> <sup>5</sup>	mmol/L	2.13	1.89	—	2.37	0.08	<b>BS-600</b> <sup>15</sup>	mmol/L	2.13	1.89	—	2.37	0.08
		mg/dL	8.54	7.58	—	9.50	0.32		mg/dL	8.54	7.58	—	9.50	0.32
	<b>BS-240E</b> <sup>6</sup>	mmol/L	2.12	1.88	—	2.36	0.08	<b>BS-600M</b> <sup>16</sup>	mmol/L	2.15	1.90	—	2.40	0.08
		mg/dL	8.50	7.54	—	9.46	0.32		mg/dL	8.62	7.62	—	9.62	0.32
	<b>BS-300</b> <sup>7</sup>	mmol/L	2.12	1.88	—	2.36	0.08	<b>BS-620M</b> <sup>17</sup>	mmol/L	2.15	1.90	—	2.40	0.08
		mg/dL	8.50	7.54	—	9.46	0.32		mg/dL	8.62	7.62	—	9.62	0.32
	<b>BS-330</b> <sup>8</sup>	mmol/L	2.13	1.89	—	2.37	0.08	<b>BS-800</b> <sup>18</sup>	mmol/L	2.15	1.90	—	2.40	0.08
		mg/dL	8.54	7.58	—	9.50	0.32		mg/dL	8.62	7.62	—	9.62	0.32
	<b>BS-330E</b> <sup>9</sup>	mmol/L	2.08	1.84	—	2.32	0.08	<b>BS-2000</b> <sup>19</sup>	mmol/L	2.15	1.90	—	2.40	0.08
		mg/dL	8.34	7.38	—	9.30	0.32		mg/dL	8.62	7.62	—	9.62	0.32
	<b>BS-360E</b> <sup>10</sup>	mmol/L	2.12	1.88	—	2.36	0.08	<b>BS-2800M</b> <sup>20</sup>	mmol/L	2.12	1.88	—	2.36	0.08
		mg/dL	8.50	7.54	—	9.46	0.32		mg/dL	8.50	7.54	—	9.46	0.32

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
TC	BS-120 <sup>1</sup>	mmol/L	2.64	2.28	—	3.00	0.12	BS-380 <sup>11</sup>	mmol/L	2.61	2.26	—	2.96	0.12
		mg/dL	102	88	—	116	5		mg/dL	101	87	—	114	5
	BS-180 <sup>2</sup>	mmol/L	2.64	2.28	—	3.00	0.12	BS-400 <sup>12</sup>	mmol/L	2.61	2.26	—	2.96	0.12
		mg/dL	102	88	—	116	5		mg/dL	101	87	—	114	5
	BS-200 <sup>3</sup>	mmol/L	2.64	2.28	—	3.00	0.12	BS-430 <sup>13</sup>	mmol/L	2.62	2.27	—	2.97	0.12
		mg/dL	102	88	—	116	5		mg/dL	101	88	—	115	5
	BS-200E <sup>4</sup>	mmol/L	2.61	2.26	—	2.96	0.12	BS-480 <sup>14</sup>	mmol/L	2.62	2.27	—	2.97	0.12
		mg/dL	101	87	—	114	5		mg/dL	101	88	—	115	5
	BS-230 <sup>5</sup>	mmol/L	2.62	2.27	—	2.97	0.12	BS-600 <sup>15</sup>	mmol/L	2.62	2.27	—	2.97	0.12
		mg/dL	101	88	—	115	5		mg/dL	101	88	—	115	5
	BS-240E <sup>6</sup>	mmol/L	2.55	2.21	—	2.89	0.11	BS-600M <sup>16</sup>	mmol/L	2.59	2.24	—	2.94	0.12
		mg/dL	98.6	85.4	—	111.7	4.3		mg/dL	100	87	—	114	5
	BS-300 <sup>7</sup>	mmol/L	2.63	2.27	—	2.99	0.12	BS-620M <sup>17</sup>	mmol/L	2.59	2.24	—	2.94	0.12
		mg/dL	102	88	—	116	5		mg/dL	100	87	—	114	5
	BS-330 <sup>8</sup>	mmol/L	2.64	2.28	—	3.00	0.12	BS-800 <sup>18</sup>	mmol/L	2.62	2.27	—	2.97	0.12
		mg/dL	102	88	—	116	5		mg/dL	101	88	—	115	5
	BS-330E <sup>9</sup>	mmol/L	2.61	2.26	—	2.96	0.12	BS-2000 <sup>19</sup>	mmol/L	2.61	2.26	—	2.96	0.12
		mg/dL	101	87	—	114	5		mg/dL	101	87	—	114	5
	BS-360E <sup>10</sup>	mmol/L	2.54	2.20	—	2.88	0.11	BS-2800M <sup>20</sup>	mmol/L	2.59	2.24	—	2.94	0.12
		mg/dL	98.2	85.1	—	111.3	4.3		mg/dL	100	87	—	114	5
HDL-C	BS-120 <sup>1</sup>	mmol/L	0.785	0.608	—	0.962	0.059	BS-380 <sup>11</sup>	mmol/L	0.778	0.603	—	0.953	0.058
		mg/dL	30.3	23.5	—	37.2	2.3		mg/dL	30.1	23.3	—	36.8	2.2
	BS-180 <sup>2</sup>	mmol/L	0.785	0.608	—	0.962	0.059	BS-400 <sup>12</sup>	mmol/L	0.756	0.586	—	0.926	0.057
		mg/dL	30.3	23.5	—	37.2	2.3		mg/dL	29.2	22.7	—	35.8	2.2
	BS-200 <sup>3</sup>	mmol/L	0.770	0.597	—	0.943	0.058	BS-430 <sup>13</sup>	mmol/L	0.775	0.601	—	0.949	0.058
		mg/dL	29.8	23.1	—	36.5	2.2		mg/dL	30.0	23.2	—	36.7	2.2
	BS-200E <sup>4</sup>	mmol/L	0.750	0.581	—	0.919	0.056	BS-480 <sup>14</sup>	mmol/L	0.807	0.625	—	0.989	0.061
		mg/dL	29.0	22.5	—	35.5	2.2		mg/dL	31.2	24.2	—	38.2	2.4
	BS-230 <sup>5</sup>	mmol/L	0.765	0.593	—	0.937	0.057	BS-600 <sup>15</sup>	mmol/L	0.750	0.581	—	0.919	0.056
		mg/dL	29.6	22.9	—	36.2	2.2		mg/dL	29.0	22.5	—	35.5	2.2
	BS-240E <sup>6</sup>	mmol/L	0.781	0.605	—	0.957	0.059	BS-600M <sup>16</sup>	mmol/L	0.766	0.594	—	0.938	0.057
		mg/dL	30.2	23.4	—	37.0	2.3		mg/dL	29.6	23.0	—	36.3	2.2
	BS-300 <sup>7</sup>	mmol/L	0.763	0.591	—	0.935	0.057	BS-620M <sup>17</sup>	mmol/L	0.766	0.594	—	0.938	0.057
		mg/dL	29.5	22.8	—	36.1	2.2		mg/dL	29.6	23.0	—	36.3	2.2
	BS-330 <sup>8</sup>	mmol/L	0.770	0.597	—	0.943	0.058	BS-800 <sup>18</sup>	mmol/L	0.775	0.601	—	0.949	0.058
		mg/dL	29.8	23.1	—	36.5	2.2		mg/dL	30.0	23.2	—	36.7	2.2
	BS-330E <sup>9</sup>	mmol/L	0.750	0.581	—	0.919	0.056	BS-2000 <sup>19</sup>	mmol/L	0.790	0.612	—	0.968	0.059
		mg/dL	29.0	22.5	—	35.5	2.2		mg/dL	30.5	23.7	—	37.4	2.3
	BS-360E <sup>10</sup>	mmol/L	0.769	0.596	—	0.942	0.058	BS-2800M <sup>20</sup>	mmol/L	0.767	0.594	—	0.940	0.058
		mg/dL	29.7	23.0	—	36.4	2.2		mg/dL	29.7	23.0	—	36.3	2.2
LDL-C	BS-120 <sup>1</sup>	mmol/L	1.58	1.22	—	1.94	0.12	BS-380 <sup>11</sup>	mmol/L	1.62	1.26	—	1.98	0.12
		mg/dL	61.1	47.2	—	75.0	4.6		mg/dL	62.6	48.7	—	76.5	4.6
	BS-180 <sup>2</sup>	mmol/L	1.58	1.22	—	1.94	0.12	BS-400 <sup>12</sup>	mmol/L	1.63	1.26	—	2.00	0.12
		mg/dL	61.1	47.2	—	75.0	4.6		mg/dL	63.0	48.7	—	77.3	4.6
	BS-200 <sup>3</sup>	mmol/L	1.59	1.23	—	1.95	0.12	BS-430 <sup>13</sup>	mmol/L	1.62	1.26	—	1.98	0.12
		mg/dL	61.5	47.6	—	75.4	4.6		mg/dL	62.6	48.7	—	76.5	4.6
	BS-200E <sup>4</sup>	mmol/L	1.60	1.24	—	1.96	0.12	BS-480 <sup>14</sup>	mmol/L	1.65	1.28	—	2.02	0.12
		mg/dL	61.9	47.9	—	75.8	4.6		mg/dL	63.8	49.5	—	78.1	4.6
	BS-230 <sup>5</sup>	mmol/L	1.56	1.21	—	1.91	0.12	BS-600 <sup>15</sup>	mmol/L	1.62	1.26	—	1.98	0.12
		mg/dL	60.3	46.8	—	73.8	4.6		mg/dL	62.6	48.7	—	76.5	4.6
	BS-240E <sup>6</sup>	mmol/L	1.61	1.25	—	1.97	0.12	BS-600M <sup>16</sup>	mmol/L	1.64	1.27	—	2.01	0.12
		mg/dL	62.2	48.3	—	76.2	4.6		mg/dL	63.4	49.1	—	77.7	4.6
	BS-300 <sup>7</sup>	mmol/L	1.64	1.27	—	2.01	0.12	BS-620M <sup>17</sup>	mmol/L	1.64	1.27	—	2.01	0.12
		mg/dL	63.4	49.1	—	77.7	4.6		mg/dL	63.4	49.1	—	77.7	4.6
	BS-330 <sup>8</sup>	mmol/L	1.59	1.23	—	1.95	0.12	BS-800 <sup>18</sup>	mmol/L	1.61	1.25	—	1.97	0.12
		mg/dL	61.5	47.6	—	75.4	4.6		mg/dL	62.2	48.3	—	76.2	4.6
	BS-330E <sup>9</sup>	mmol/L	1.60	1.24	—	1.96	0.12	BS-2000 <sup>19</sup>	mmol/L	1.64	1.27	—	2.01	0.12
		mg/dL	61.9	47.9	—	75.8	4.6		mg/dL	63.4	49.1	—	77.7	4.6
	BS-360E <sup>10</sup>	mmol/L	1.62	1.26	—	1.98	0.12	BS-2800M <sup>20</sup>	mmol/L	1.64	1.27	—	2.01	0.12
		mg/dL	62.6	48.7	—	76.5	4.6		mg/dL	63.4	49.1	—	77.7	4.6

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>CK</b>	<b>BS-120</b> <sup>1</sup>	U/L	139	118	—	160	7	<b>BS-380</b> <sup>11</sup>	U/L	141	120	—	162	7
		μkat/L	2.32	1.97	—	2.67	0.12		μkat/L	2.35	2.00	—	2.71	0.12
	<b>BS-180</b> <sup>2</sup>	U/L	139	118	—	160	7	<b>BS-400</b> <sup>12</sup>	U/L	141	120	—	162	7
		μkat/L	2.32	1.97	—	2.67	0.12		μkat/L	2.35	2.00	—	2.71	0.12
	<b>BS-200</b> <sup>3</sup>	U/L	140	119	—	161	7	<b>BS-430</b> <sup>13</sup>	U/L	140	119	—	161	7
		μkat/L	2.34	1.99	—	2.69	0.12		μkat/L	2.34	1.99	—	2.69	0.12
	<b>BS-200E</b> <sup>4</sup>	U/L	141	120	—	162	7	<b>BS-480</b> <sup>14</sup>	U/L	139	118	—	160	7
		μkat/L	2.35	2.00	—	2.71	0.12		μkat/L	2.32	1.97	—	2.67	0.12
	<b>BS-230</b> <sup>5</sup>	U/L	143	122	—	164	7	<b>BS-600</b> <sup>15</sup>	U/L	141	120	—	162	7
		μkat/L	2.39	2.04	—	2.74	0.12		μkat/L	2.35	2.00	—	2.71	0.12
	<b>BS-240E</b> <sup>6</sup>	U/L	140	119	—	161	7	<b>BS-600M</b> <sup>16</sup>	U/L	139	118	—	160	7
		μkat/L	2.34	1.99	—	2.69	0.12		μkat/L	2.32	1.97	—	2.67	0.12
	<b>BS-300</b> <sup>7</sup>	U/L	141	120	—	162	7	<b>BS-620M</b> <sup>17</sup>	U/L	139	118	—	160	7
		μkat/L	2.35	2.00	—	2.71	0.12		μkat/L	2.32	1.97	—	2.67	0.12
	<b>BS-330</b> <sup>8</sup>	U/L	140	119	—	161	7	<b>BS-800</b> <sup>18</sup>	U/L	140	119	—	161	7
		μkat/L	2.34	1.99	—	2.69	0.12		μkat/L	2.34	1.99	—	2.69	0.12
	<b>BS-330E</b> <sup>9</sup>	U/L	141	120	—	162	7	<b>BS-2000</b> <sup>19</sup>	U/L	139	118	—	160	7
		μkat/L	2.35	2.00	—	2.71	0.12		μkat/L	2.32	1.97	—	2.67	0.12
	<b>BS-360E</b> <sup>10</sup>	U/L	140	119	—	161	7	<b>BS-2800M</b> <sup>20</sup>	U/L	139	118	—	160	7
		μkat/L	2.34	1.99	—	2.69	0.12		μkat/L	2.32	1.97	—	2.67	0.12
<b>CK-MB</b>	<b>BS-120</b> <sup>1</sup>	U/L	44.6	34.6	—	54.6	3.3	<b>BS-380</b> <sup>11</sup>	U/L	45.9	35.6	—	56.2	3.4
		μkat/L	0.745	0.578	—	0.912	0.055		μkat/L	0.767	0.595	—	0.939	0.057
	<b>BS-180</b> <sup>2</sup>	U/L	44.6	34.6	—	54.6	3.3	<b>BS-400</b> <sup>12</sup>	U/L	45.0	34.9	—	55.1	3.4
		μkat/L	0.745	0.578	—	0.912	0.055		μkat/L	0.752	0.583	—	0.920	0.057
	<b>BS-200</b> <sup>3</sup>	U/L	44.5	34.5	—	54.5	3.3	<b>BS-430</b> <sup>13</sup>	U/L	45.4	35.2	—	55.6	3.4
		μkat/L	0.743	0.576	—	0.910	0.055		μkat/L	0.758	0.588	—	0.929	0.057
	<b>BS-200E</b> <sup>4</sup>	U/L	44.1	34.2	—	54.0	3.3	<b>BS-480</b> <sup>14</sup>	U/L	44.7	34.6	—	54.8	3.4
		μkat/L	0.736	0.571	—	0.902	0.055		μkat/L	0.746	0.578	—	0.915	0.057
	<b>BS-230</b> <sup>5</sup>	U/L	44.8	34.7	—	54.9	3.4	<b>BS-600</b> <sup>15</sup>	U/L	45.2	35.0	—	55.4	3.4
		μkat/L	0.748	0.579	—	0.917	0.057		μkat/L	0.755	0.585	—	0.925	0.057
	<b>BS-240E</b> <sup>6</sup>	U/L	45.5	35.3	—	55.7	3.4	<b>BS-600M</b> <sup>16</sup>	U/L	44.9	34.8	—	55.0	3.4
		μkat/L	0.760	0.590	—	0.930	0.057		μkat/L	0.750	0.581	—	0.919	0.057
	<b>BS-300</b> <sup>7</sup>	U/L	46.1	35.7	—	56.5	3.5	<b>BS-620M</b> <sup>17</sup>	U/L	44.9	34.8	—	55.0	3.4
		μkat/L	0.770	0.596	—	0.944	0.058		μkat/L	0.750	0.581	—	0.919	0.057
	<b>BS-330</b> <sup>8</sup>	U/L	44.5	34.5	—	54.5	3.3	<b>BS-800</b> <sup>18</sup>	U/L	45.3	35.1	—	55.5	3.4
		μkat/L	0.743	0.576	—	0.910	0.055		μkat/L	0.757	0.586	—	0.927	0.057
	<b>BS-330E</b> <sup>9</sup>	U/L	44.1	34.2	—	54.0	3.3	<b>BS-2000</b> <sup>19</sup>	U/L	44.9	34.8	—	55.0	3.4
		μkat/L	0.736	0.571	—	0.902	0.055		μkat/L	0.750	0.581	—	0.919	0.057
	<b>BS-360E</b> <sup>10</sup>	U/L	44.6	34.6	—	54.6	3.3	<b>BS-2800M</b> <sup>20</sup>	U/L	46.1	35.7	—	56.5	3.5
		μkat/L	0.745	0.578	—	0.912	0.055		μkat/L	0.770	0.596	—	0.944	0.058
<b>Crea (SOX)</b>	<b>BS-120</b> <sup>1</sup>	μmol/L	86.6	73.6	—	99.6	4.3	<b>BS-380</b> <sup>11</sup>	μmol/L	88.2	75.0	—	101.4	4.4
		mg/dL	0.980	0.833	—	1.127	0.049		mg/dL	0.998	0.848	—	1.147	0.050
	<b>BS-180</b> <sup>2</sup>	μmol/L	86.6	73.6	—	99.6	4.3	<b>BS-400</b> <sup>12</sup>	μmol/L	87.0	74.0	—	100.1	4.4
		mg/dL	0.980	0.833	—	1.127	0.049		mg/dL	0.984	0.837	—	1.132	0.050
	<b>BS-200</b> <sup>3</sup>	μmol/L	87.3	74.2	—	100.4	4.4	<b>BS-430</b> <sup>13</sup>	μmol/L	88.1	74.9	—	101.3	4.4
		mg/dL	0.988	0.839	—	1.136	0.050		mg/dL	0.997	0.847	—	1.146	0.050
	<b>BS-200E</b> <sup>4</sup>	μmol/L	84.0	71.4	—	96.6	4.2	<b>BS-480</b> <sup>14</sup>	μmol/L	87.9	74.7	—	101.1	4.4
		mg/dL	0.950	0.808	—	1.093	0.048		mg/dL	0.994	0.845	—	1.144	0.050
	<b>BS-230</b> <sup>5</sup>	μmol/L	87.1	74.0	—	100.2	4.4	<b>BS-600</b> <sup>15</sup>	μmol/L	86.4	73.4	—	99.4	4.3
		mg/dL	0.985	0.837	—	1.133	0.050		mg/dL	0.977	0.830	—	1.124	0.049
	<b>BS-240E</b> <sup>6</sup>	μmol/L	87.2	74.1	—	100.3	4.4	<b>BS-600M</b> <sup>16</sup>	μmol/L	87.6	74.5	—	100.7	4.4
		mg/dL	0.986	0.838	—	1.135	0.050		mg/dL	0.991	0.843	—	1.139	0.050
	<b>BS-300</b> <sup>7</sup>	μmol/L	87.7	74.5	—	100.9	4.4	<b>BS-620M</b> <sup>17</sup>	μmol/L	80.2	68.2	—	92.2	4.0
		mg/dL	0.992	0.843	—	1.141	0.050		mg/dL	0.907	0.771	—	1.043	0.045
	<b>BS-330</b> <sup>8</sup>	μmol/L	87.3	74.2	—	100.4	4.4	<b>BS-800</b> <sup>18</sup>	μmol/L	81.0	68.9	—	93.2	4.1
		mg/dL	0.988	0.839	—	1.136	0.050		mg/dL	0.916	0.779	—	1.054	0.046
	<b>BS-330E</b> <sup>9</sup>	μmol/L	84.0	71.4	—	96.6	4.2	<b>BS-2000</b> <sup>19</sup>	μmol/L	80.4	68.3	—	92.5	4.0
		mg/dL	0.950	0.808	—	1.093	0.048		mg/dL	0.910	0.773	—	1.046	0.045
	<b>BS-360E</b> <sup>10</sup>	μmol/L	87.5	74.4	—	100.6	4.4	<b>BS-2800M</b> <sup>20</sup>	μmol/L	80.2	68.2	—	92.2	4.0
		mg/dL	0.990	0.842	—	1.138	0.050		mg/dL	0.907	0.771	—	1.043	0.045

**Crea (SOX)**  
 Note: This reference value is only applicable to 141121019 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>Crea (SOX)</b> Note: This reference value is only applicable to 141121018 and before batch reagents	BS-120 <sup>1</sup>	μmol/L	/	/	-	/	BS-380 <sup>11</sup>	μmol/L	/	/	-	/		
		mg/dL	/	/	-	/		mg/dL	/	/	-	/		
	BS-180 <sup>2</sup>	μmol/L	/	/	-	/	BS-400 <sup>12</sup>	μmol/L	/	/	-	/		
		mg/dL	/	/	-	/		mg/dL	/	/	-	/		
	BS-200 <sup>3</sup>	μmol/L	/	/	-	/	BS-430 <sup>13</sup>	μmol/L	/	/	-	/		
		mg/dL	/	/	-	/		mg/dL	/	/	-	/		
	BS-200E <sup>4</sup>	μmol/L	/	/	-	/	BS-480 <sup>14</sup>	μmol/L	/	/	-	/		
		mg/dL	/	/	-	/		mg/dL	/	/	-	/		
	BS-230 <sup>5</sup>	μmol/L	/	/	-	/	BS-600 <sup>15</sup>	μmol/L	/	/	-	/		
		mg/dL	/	/	-	/		mg/dL	/	/	-	/		
	BS-240E <sup>6</sup>	μmol/L	/	/	-	/	BS-600M <sup>16</sup>	μmol/L	/	/	-	/		
		mg/dL	/	/	-	/		mg/dL	/	/	-	/		
	BS-300 <sup>7</sup>	μmol/L	/	/	-	/	BS-620M <sup>17</sup>	μmol/L	/	/	-	/		
		mg/dL	/	/	-	/		mg/dL	/	/	-	/		
BS-330 <sup>8</sup>	μmol/L	/	/	-	/	BS-800 <sup>18</sup>	μmol/L	/	/	-	/			
	mg/dL	/	/	-	/		mg/dL	/	/	-	/			
BS-330E <sup>9</sup>	μmol/L	/	/	-	/	BS-2000 <sup>19</sup>	μmol/L	/	/	-	/			
	mg/dL	/	/	-	/		mg/dL	/	/	-	/			
BS-360E <sup>10</sup>	μmol/L	/	/	-	/	BS-2800M <sup>20</sup>	μmol/L	/	/	-	/			
	mg/dL	/	/	-	/		mg/dL	/	/	-	/			
<b>GLU (GOD)</b>	BS-120 <sup>1</sup>	mmol/L	5.74	4.88	-	6.60	0.29	BS-380 <sup>11</sup>	mmol/L	5.71	4.85	-	6.57	0.29
		mg/dL	103	88	-	119	5		mg/dL	103	87	-	118	5
	BS-180 <sup>2</sup>	mmol/L	5.74	4.88	-	6.60	0.29	BS-400 <sup>12</sup>	mmol/L	5.70	4.85	-	6.56	0.29
		mg/dL	103	88	-	119	5		mg/dL	103	87	-	118	5
	BS-200 <sup>3</sup>	mmol/L	5.70	4.85	-	6.56	0.29	BS-430 <sup>13</sup>	mmol/L	5.67	4.82	-	6.52	0.28
		mg/dL	103	87	-	118	5		mg/dL	102	87	-	117	5
	BS-200E <sup>4</sup>	mmol/L	5.59	4.75	-	6.43	0.28	BS-480 <sup>14</sup>	mmol/L	5.66	4.81	-	6.51	0.28
		mg/dL	101	86	-	116	5		mg/dL	102	87	-	117	5
	BS-230 <sup>5</sup>	mmol/L	5.76	4.90	-	6.62	0.29	BS-600 <sup>15</sup>	mmol/L	5.68	4.83	-	6.53	0.28
		mg/dL	104	88	-	119	5		mg/dL	102	87	-	118	5
	BS-240E <sup>6</sup>	mmol/L	5.60	4.76	-	6.44	0.28	BS-600M <sup>16</sup>	mmol/L	5.67	4.82	-	6.52	0.28
		mg/dL	101	86	-	116	5		mg/dL	102	87	-	117	5
	BS-300 <sup>7</sup>	mmol/L	5.73	4.87	-	6.59	0.29	BS-620M <sup>17</sup>	mmol/L	5.67	4.82	-	6.52	0.28
		mg/dL	103	88	-	119	5		mg/dL	102	87	-	117	5
	BS-330 <sup>8</sup>	mmol/L	5.70	4.85	-	6.56	0.29	BS-800 <sup>18</sup>	mmol/L	5.60	4.76	-	6.44	0.28
		mg/dL	103	87	-	118	5		mg/dL	101	86	-	116	5
	BS-330E <sup>9</sup>	mmol/L	5.59	4.75	-	6.43	0.28	BS-2000 <sup>19</sup>	mmol/L	5.65	4.80	-	6.50	0.28
		mg/dL	101	86	-	116	5		mg/dL	102	86	-	117	5
	BS-360E <sup>10</sup>	mmol/L	5.65	4.80	-	6.50	0.28	BS-2800M <sup>20</sup>	mmol/L	5.67	4.82	-	6.52	0.28
		mg/dL	102	86	-	117	5		mg/dL	102	87	-	117	5
<b>GLU (HK)</b>	BS-120 <sup>1</sup>	mmol/L	5.76	4.90	-	6.62	0.29	BS-380 <sup>11</sup>	mmol/L	5.77	4.90	-	6.64	0.29
		mg/dL	104	88	-	119	5		mg/dL	104	88	-	120	5
	BS-180 <sup>2</sup>	mmol/L	5.76	4.90	-	6.62	0.29	BS-400 <sup>12</sup>	mmol/L	5.78	4.91	-	6.65	0.29
		mg/dL	104	88	-	119	5		mg/dL	104	88	-	120	5
	BS-200 <sup>3</sup>	mmol/L	5.76	4.90	-	6.62	0.29	BS-430 <sup>13</sup>	mmol/L	5.65	4.80	-	6.50	0.28
		mg/dL	104	88	-	119	5		mg/dL	102	86	-	117	5
	BS-200E <sup>4</sup>	mmol/L	5.76	4.90	-	6.62	0.29	BS-480 <sup>14</sup>	mmol/L	5.54	4.71	-	6.37	0.28
		mg/dL	104	88	-	119	5		mg/dL	99.8	84.9	-	114.8	5.0
	BS-230 <sup>5</sup>	mmol/L	5.74	4.88	-	6.60	0.29	BS-600 <sup>15</sup>	mmol/L	5.69	4.84	-	6.54	0.28
		mg/dL	103	88	-	119	5		mg/dL	103	87	-	118	5
	BS-240E <sup>6</sup>	mmol/L	5.64	4.79	-	6.49	0.28	BS-600M <sup>16</sup>	mmol/L	5.54	4.71	-	6.37	0.28
		mg/dL	102	86	-	117	5		mg/dL	99.8	84.9	-	114.8	5.0
	BS-300 <sup>7</sup>	mmol/L	5.75	4.89	-	6.61	0.29	BS-620M <sup>17</sup>	mmol/L	5.54	4.71	-	6.37	0.28
		mg/dL	104	88	-	119	5		mg/dL	99.8	84.9	-	114.8	5.0
	BS-330 <sup>8</sup>	mmol/L	5.76	4.90	-	6.62	0.29	BS-800 <sup>18</sup>	mmol/L	5.65	4.80	-	6.50	0.28
		mg/dL	104	88	-	119	5		mg/dL	102	86	-	117	5
	BS-330E <sup>9</sup>	mmol/L	5.76	4.90	-	6.62	0.29	BS-2000 <sup>19</sup>	mmol/L	5.74	4.88	-	6.60	0.29
		mg/dL	104	88	-	119	5		mg/dL	103	88	-	119	5
	BS-360E <sup>10</sup>	mmol/L	5.57	4.73	-	6.41	0.28	BS-2800M <sup>20</sup>	mmol/L	5.71	4.85	-	6.57	0.29
		mg/dL	100	85	-	115	5		mg/dL	103	87	-	118	5



Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>GGT</b>	<b>BS-120</b> <sup>1</sup>	U/L	49.0	41.7	—	56.4	2.5	<b>BS-380</b> <sup>11</sup>	U/L	49.5	42.1	—	56.9	2.5
		μkat/L	0.818	0.696	—	0.942	0.042		μkat/L	0.827	0.703	—	0.950	0.042
	<b>BS-180</b> <sup>2</sup>	U/L	49.0	41.7	—	56.4	2.5	<b>BS-400</b> <sup>12</sup>	U/L	49.5	42.1	—	56.9	2.5
		μkat/L	0.818	0.696	—	0.942	0.042		μkat/L	0.827	0.703	—	0.950	0.042
	<b>BS-200</b> <sup>3</sup>	U/L	49.0	41.7	—	56.4	2.5	<b>BS-430</b> <sup>13</sup>	U/L	49.7	42.2	—	57.2	2.5
		μkat/L	0.818	0.696	—	0.942	0.042		μkat/L	0.830	0.705	—	0.955	0.042
	<b>BS-200E</b> <sup>4</sup>	U/L	48.8	41.5	—	56.1	2.4	<b>BS-480</b> <sup>14</sup>	U/L	49.7	42.2	—	57.2	2.5
		μkat/L	0.815	0.693	—	0.937	0.04		μkat/L	0.830	0.705	—	0.955	0.042
	<b>BS-230</b> <sup>5</sup>	U/L	49.4	42.0	—	56.8	2.5	<b>BS-600</b> <sup>15</sup>	U/L	49.7	42.2	—	57.2	2.5
		μkat/L	0.825	0.701	—	0.949	0.042		μkat/L	0.830	0.705	—	0.955	0.042
	<b>BS-240E</b> <sup>6</sup>	U/L	49.7	42.2	—	57.2	2.5	<b>BS-600M</b> <sup>16</sup>	U/L	49.7	42.2	—	57.2	2.5
		μkat/L	0.830	0.705	—	0.955	0.042		μkat/L	0.830	0.705	—	0.955	0.042
	<b>BS-300</b> <sup>7</sup>	U/L	49.5	42.1	—	56.9	2.5	<b>BS-620M</b> <sup>17</sup>	U/L	49.7	42.2	—	57.2	2.5
		μkat/L	0.827	0.703	—	0.950	0.042		μkat/L	0.830	0.705	—	0.955	0.042
	<b>BS-330</b> <sup>8</sup>	U/L	49.0	41.7	—	56.4	2.5	<b>BS-800</b> <sup>18</sup>	U/L	49.7	42.2	—	57.2	2.5
		μkat/L	0.818	0.696	—	0.942	0.042		μkat/L	0.830	0.705	—	0.955	0.042
	<b>BS-330E</b> <sup>9</sup>	U/L	48.8	41.5	—	56.1	2.4	<b>BS-2000</b> <sup>19</sup>	U/L	49.7	42.2	—	57.2	2.5
		μkat/L	0.815	0.693	—	0.937	0.04		μkat/L	0.830	0.705	—	0.955	0.042
	<b>BS-360E</b> <sup>10</sup>	U/L	48.9	41.6	—	56.2	2.4	<b>BS-2800M</b> <sup>20</sup>	U/L	49.7	42.2	—	57.2	2.5
		μkat/L	0.817	0.695	—	0.939	0.04		μkat/L	0.830	0.705	—	0.955	0.042
<b>α-HBDH</b>	<b>BS-120</b> <sup>1</sup>	U/L	170	145	—	196	9	<b>BS-380</b> <sup>11</sup>	U/L	169	144	—	194	8
		μkat/L	2.84	2.42	—	3.27	0.15		μkat/L	2.82	2.40	—	3.24	0.13
	<b>BS-180</b> <sup>2</sup>	U/L	170	145	—	196	9	<b>BS-400</b> <sup>12</sup>	U/L	169	144	—	194	8
		μkat/L	2.84	2.42	—	3.27	0.15		μkat/L	2.82	2.40	—	3.24	0.13
	<b>BS-200</b> <sup>3</sup>	U/L	169	144	—	194	8	<b>BS-430</b> <sup>13</sup>	U/L	169	144	—	194	8
		μkat/L	2.82	2.40	—	3.24	0.13		μkat/L	2.82	2.40	—	3.24	0.13
	<b>BS-200E</b> <sup>4</sup>	U/L	169	144	—	194	8	<b>BS-480</b> <sup>14</sup>	U/L	169	144	—	194	8
		μkat/L	2.82	2.40	—	3.24	0.13		μkat/L	2.82	2.40	—	3.24	0.13
	<b>BS-230</b> <sup>5</sup>	U/L	170	145	—	196	9	<b>BS-600</b> <sup>15</sup>	U/L	169	144	—	194	8
		μkat/L	2.84	2.42	—	3.27	0.15		μkat/L	2.82	2.40	—	3.24	0.13
	<b>BS-240E</b> <sup>6</sup>	U/L	169	144	—	194	8	<b>BS-600M</b> <sup>16</sup>	U/L	172	146	—	198	9
		μkat/L	2.82	2.40	—	3.24	0.13		μkat/L	2.87	2.44	—	3.31	0.15
	<b>BS-300</b> <sup>7</sup>	U/L	169	144	—	194	8	<b>BS-620M</b> <sup>17</sup>	U/L	172	146	—	198	9
		μkat/L	2.82	2.40	—	3.24	0.13		μkat/L	2.87	2.44	—	3.31	0.15
	<b>BS-330</b> <sup>8</sup>	U/L	169	144	—	194	8	<b>BS-800</b> <sup>18</sup>	U/L	169	144	—	194	8
		μkat/L	2.82	2.40	—	3.24	0.13		μkat/L	2.82	2.40	—	3.24	0.13
	<b>BS-330E</b> <sup>9</sup>	U/L	169	144	—	194	8	<b>BS-2000</b> <sup>19</sup>	U/L	173	147	—	199	9
		μkat/L	2.82	2.40	—	3.24	0.13		μkat/L	2.89	2.45	—	3.32	0.15
	<b>BS-360E</b> <sup>10</sup>	U/L	169	144	—	194	8	<b>BS-2800M</b> <sup>20</sup>	U/L	172	146	—	198	9
		μkat/L	2.82	2.40	—	3.24	0.13		μkat/L	2.87	2.44	—	3.31	0.15
<b>ApoA1</b>	<b>BS-120</b> <sup>1</sup>	g/L	1.21	0.94	—	1.48	0.09	<b>BS-380</b> <sup>11</sup>	g/L	1.16	0.90	—	1.42	0.09
		μmol/L	43.2	33.6	—	52.8	3.2		μmol/L	41.4	32.1	—	50.7	3.2
	<b>BS-180</b> <sup>2</sup>	g/L	1.21	0.94	—	1.48	0.09	<b>BS-400</b> <sup>12</sup>	g/L	1.21	0.94	—	1.48	0.09
		μmol/L	43.2	33.6	—	52.8	3.2		μmol/L	43.2	33.6	—	52.8	3.2
	<b>BS-200</b> <sup>3</sup>	g/L	1.20	0.93	—	1.47	0.09	<b>BS-430</b> <sup>13</sup>	g/L	1.19	0.92	—	1.46	0.09
		μmol/L	42.8	33.2	—	52.5	3.2		μmol/L	42.5	32.8	—	52.1	3.2
	<b>BS-200E</b> <sup>4</sup>	g/L	1.24	0.96	—	1.52	0.09	<b>BS-480</b> <sup>14</sup>	g/L	1.19	0.92	—	1.46	0.09
		μmol/L	44.3	34.3	—	54.3	3.2		μmol/L	42.5	32.8	—	52.1	3.2
	<b>BS-230</b> <sup>5</sup>	g/L	1.18	0.91	—	1.45	0.09	<b>BS-600</b> <sup>15</sup>	g/L	1.19	0.92	—	1.46	0.09
		μmol/L	42.1	32.5	—	51.8	3.2		μmol/L	42.5	32.8	—	52.1	3.2
	<b>BS-240E</b> <sup>6</sup>	g/L	1.19	0.92	—	1.46	0.09	<b>BS-600M</b> <sup>16</sup>	g/L	1.21	0.94	—	1.48	0.09
		μmol/L	42.5	32.8	—	52.1	3.2		μmol/L	43.2	33.6	—	52.8	3.2
	<b>BS-300</b> <sup>7</sup>	g/L	1.20	0.93	—	1.47	0.09	<b>BS-620M</b> <sup>17</sup>	g/L	1.21	0.94	—	1.48	0.09
		μmol/L	42.8	33.2	—	52.5	3.2		μmol/L	43.2	33.6	—	52.8	3.2
	<b>BS-330</b> <sup>8</sup>	g/L	1.20	0.93	—	1.47	0.09	<b>BS-800</b> <sup>18</sup>	g/L	1.16	0.90	—	1.42	0.09
		μmol/L	42.8	33.2	—	52.5	3.2		μmol/L	41.4	32.1	—	50.7	3.2
	<b>BS-330E</b> <sup>9</sup>	g/L	1.24	0.96	—	1.52	0.09	<b>BS-2000</b> <sup>19</sup>	g/L	1.19	0.92	—	1.46	0.09
		μmol/L	44.3	34.3	—	54.3	3.2		μmol/L	42.5	32.8	—	52.1	3.2
	<b>BS-360E</b> <sup>10</sup>	g/L	1.19	0.92	—	1.46	0.09	<b>BS-2800M</b> <sup>20</sup>	g/L	1.19	0.92	—	1.46	0.09
		μmol/L	42.5	32.8	—	52.1	3.2		μmol/L	42.5	32.8	—	52.1	3.2

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>ApoB</b> Note: This reference value is only applicable to 141922002 and subsequent batch ApoB reagents	BS-120 <sup>1</sup>	g/L	0.503	0.390	—	0.616	0.038	BS-380 <sup>11</sup>	g/L	0.525	0.407	—	0.643	0.039
		μmol/L	0.981	0.761	—	1.201	0.074		μmol/L	1.02	0.79	—	1.25	0.08
	BS-180 <sup>2</sup>	g/L	0.503	0.390	—	0.616	0.038	BS-400 <sup>12</sup>	g/L	0.539	0.418	—	0.660	0.040
		μmol/L	0.981	0.761	—	1.201	0.074		μmol/L	1.05	0.82	—	1.29	0.08
	BS-200 <sup>3</sup>	g/L	0.523	0.405	—	0.641	0.039	BS-430 <sup>13</sup>	g/L	0.533	0.413	—	0.653	0.040
		μmol/L	1.02	0.79	—	1.25	0.08		μmol/L	1.04	0.81	—	1.27	0.08
	BS-200E <sup>4</sup>	g/L	0.554	0.429	—	0.679	0.042	BS-480 <sup>14</sup>	g/L	0.542	0.420	—	0.664	0.041
		μmol/L	1.08	0.84	—	1.32	0.08		μmol/L	1.06	0.82	—	1.29	0.08
	BS-230 <sup>5</sup>	g/L	0.526	0.408	—	0.644	0.039	BS-600 <sup>15</sup>	g/L	0.545	0.422	—	0.668	0.041
		μmol/L	1.03	0.80	—	1.26	0.08		μmol/L	1.06	0.82	—	1.30	0.08
	BS-240E <sup>6</sup>	g/L	0.536	0.415	—	0.657	0.040	BS-600M <sup>16</sup>	g/L	0.526	0.408	—	0.644	0.039
		μmol/L	1.05	0.81	—	1.28	0.08		μmol/L	1.03	0.80	—	1.26	0.08
	BS-300 <sup>7</sup>	g/L	0.516	0.400	—	0.632	0.039	BS-620M <sup>17</sup>	g/L	0.526	0.408	—	0.644	0.039
		μmol/L	1.01	0.78	—	1.23	0.08		μmol/L	1.03	0.80	—	1.26	0.08
	BS-330 <sup>8</sup>	g/L	0.523	0.405	—	0.641	0.039	BS-800 <sup>18</sup>	g/L	0.541	0.419	—	0.663	0.041
		μmol/L	1.02	0.79	—	1.25	0.08		μmol/L	1.05	0.82	—	1.29	0.08
	BS-330E <sup>9</sup>	g/L	0.554	0.429	—	0.679	0.042	BS-2000 <sup>19</sup>	g/L	0.535	0.415	—	0.655	0.040
		μmol/L	1.08	0.84	—	1.32	0.08		μmol/L	1.04	0.81	—	1.28	0.08
	BS-360E <sup>10</sup>	g/L	0.546	0.423	—	0.669	0.041	BS-2800M <sup>20</sup>	g/L	0.537	0.416	—	0.658	0.040
		μmol/L	1.06	0.82	—	1.30	0.08		μmol/L	1.05	0.81	—	1.28	0.08
<b>ApoB</b> Note: This reference value is only applicable to 141922001 and before batch ApoB reagents	BS-120 <sup>1</sup>	g/L	/	/	—	/	/	BS-380 <sup>11</sup>	g/L	/	/	—	/	/
		μmol/L	/	/	—	/	/		μmol/L	/	/	—	/	/
	BS-180 <sup>2</sup>	g/L	/	/	—	/	/	BS-400 <sup>12</sup>	g/L	/	/	—	/	/
		μmol/L	/	/	—	/	/		μmol/L	/	/	—	/	/
	BS-200 <sup>3</sup>	g/L	/	/	—	/	/	BS-430 <sup>13</sup>	g/L	/	/	—	/	/
		μmol/L	/	/	—	/	/		μmol/L	/	/	—	/	/
	BS-200E <sup>4</sup>	g/L	/	/	—	/	/	BS-480 <sup>14</sup>	g/L	/	/	—	/	/
		μmol/L	/	/	—	/	/		μmol/L	/	/	—	/	/
	BS-230 <sup>5</sup>	g/L	/	/	—	/	/	BS-600 <sup>15</sup>	g/L	/	/	—	/	/
		μmol/L	/	/	—	/	/		μmol/L	/	/	—	/	/
	BS-240E <sup>6</sup>	g/L	/	/	—	/	/	BS-600M <sup>16</sup>	g/L	/	/	—	/	/
		μmol/L	/	/	—	/	/		μmol/L	/	/	—	/	/
	BS-300 <sup>7</sup>	g/L	/	/	—	/	/	BS-620M <sup>17</sup>	g/L	/	/	—	/	/
		μmol/L	/	/	—	/	/		μmol/L	/	/	—	/	/
	BS-330 <sup>8</sup>	g/L	/	/	—	/	/	BS-800 <sup>18</sup>	g/L	/	/	—	/	/
		μmol/L	/	/	—	/	/		μmol/L	/	/	—	/	/
	BS-330E <sup>9</sup>	g/L	/	/	—	/	/	BS-2000 <sup>19</sup>	g/L	/	/	—	/	/
		μmol/L	/	/	—	/	/		μmol/L	/	/	—	/	/
	BS-360E <sup>10</sup>	g/L	/	/	—	/	/	BS-2800M <sup>20</sup>	g/L	/	/	—	/	/
		μmol/L	/	/	—	/	/		μmol/L	/	/	—	/	/
<b>C3</b>	BS-120 <sup>1</sup>	g/L	0.964	0.769	—	1.159	0.065	BS-380 <sup>11</sup>	g/L	1.01	0.81	—	1.21	0.07
		μmol/L	0.964	0.769	—	1.159	0.065		μmol/L	1.01	0.81	—	1.21	0.07
	BS-180 <sup>2</sup>	g/L	0.964	0.769	—	1.159	0.065	BS-400 <sup>12</sup>	g/L	1.01	0.81	—	1.21	0.07
		μmol/L	0.964	0.769	—	1.159	0.065		μmol/L	1.01	0.81	—	1.21	0.07
	BS-200 <sup>3</sup>	g/L	1.01	0.81	—	1.21	0.07	BS-430 <sup>13</sup>	g/L	1.01	0.81	—	1.21	0.07
		μmol/L	1.01	0.81	—	1.21	0.07		μmol/L	1.01	0.81	—	1.21	0.07
	BS-200E <sup>4</sup>	g/L	1.02	0.81	—	1.23	0.07	BS-480 <sup>14</sup>	g/L	0.953	0.760	—	1.146	0.064
		μmol/L	1.02	0.81	—	1.23	0.07		μmol/L	0.953	0.760	—	1.146	0.064
	BS-230 <sup>5</sup>	g/L	0.935	0.746	—	1.124	0.063	BS-600 <sup>15</sup>	g/L	0.972	0.775	—	1.169	0.066
		μmol/L	0.935	0.746	—	1.124	0.063		μmol/L	0.972	0.775	—	1.169	0.066
BS-240E <sup>6</sup>	g/L	1.01	0.81	—	1.21	0.07	BS-600M <sup>16</sup>	g/L	0.986	0.786	—	1.186	0.067	
	μmol/L	1.01	0.81	—	1.21	0.07		μmol/L	0.986	0.786	—	1.186	0.067	
BS-300 <sup>7</sup>	g/L	1.02	0.81	—	1.23	0.07	BS-620M <sup>17</sup>	g/L	0.986	0.786	—	1.186	0.067	
	μmol/L	1.02	0.81	—	1.23	0.07		μmol/L	0.986	0.786	—	1.186	0.067	
BS-330 <sup>8</sup>	g/L	1.01	0.81	—	1.21	0.07	BS-800 <sup>18</sup>	g/L	0.988	0.788	—	1.188	0.067	
	μmol/L	1.01	0.81	—	1.21	0.07		μmol/L	0.988	0.788	—	1.188	0.067	
BS-330E <sup>9</sup>	g/L	1.02	0.81	—	1.23	0.07	BS-2000 <sup>19</sup>	g/L	0.977	0.779	—	1.175	0.066	
	μmol/L	1.02	0.81	—	1.23	0.07		μmol/L	0.977	0.779	—	1.175	0.066	
BS-360E <sup>10</sup>	g/L	0.992	0.791	—	1.193	0.067	BS-2800M <sup>20</sup>	g/L	0.994	0.793	—	1.195	0.067	
	μmol/L	0.992	0.791	—	1.193	0.067		μmol/L	0.994	0.793	—	1.195	0.067	
<b>C4</b>	BS-120 <sup>1</sup>	g/L	0.155	0.124	—	0.186	0.010	BS-380 <sup>11</sup>	g/L	0.165	0.132	—	0.198	0.011
		μmol/L	0.775	0.620	—	0.930	0.050		μmol/L	0.825	0.660	—	0.990	0.055
	BS-180 <sup>2</sup>	g/L	0.155	0.124	—	0.186	0.010	BS-400 <sup>12</sup>	g/L	0.161	0.128	—	0.194	0.011
		μmol/L	0.775	0.620	—	0.930	0.050		μmol/L	0.805	0.640	—	0.970	0.055
	BS-200 <sup>3</sup>	g/L	0.157	0.125	—	0.189	0.011	BS-430 <sup>13</sup>	g/L	0.163	0.130	—	0.196	0.011
		μmol/L	0.785	0.625	—	0.945	0.055		μmol/L	0.815	0.650	—	0.980	0.055
	BS-200E <sup>4</sup>	g/L	0.156	0.124	—	0.188	0.011	BS-480 <sup>14</sup>	g/L	0.152	0.121	—	0.183	0.010
		μmol/L	0.780	0.620	—	0.940	0.055		μmol/L	0.760	0.605	—	0.915	0.050
	BS-230 <sup>5</sup>	g/L	0.152	0.121	—	0.183	0.010	BS-600 <sup>15</sup>	g/L	0.154	0.123	—	0.185	0.010
		μmol/L	0.760	0.605	—	0.915	0.050		μmol/L	0.770	0.615	—	0.925	0.050
	BS-240E <sup>6</sup>	g/L	0.155	0.124	—	0.186	0.010	BS-600M <sup>16</sup>	g/L	0.157	0.125	—	0.189	0.011
		μmol/L	0.775	0.620	—	0.930	0.050		μmol/L	0.785	0.625	—	0.945	0.055
	BS-300 <sup>7</sup>	g/L	0.160	0.128	—	0.192	0.011	BS-620M <sup>17</sup>	g/L	0.157	0.125	—	0.189	0.011
		μmol/L	0.800	0.640	—	0.960	0.055		μmol/L	0.785	0.625	—	0.945	0.055
	BS-330 <sup>8</sup>	g/L	0.157	0.125	—	0.189	0.011	BS-800 <sup>18</sup>	g/L	0.158	0.126	—	0.190	0.011
		μmol/L	0.785	0.625	—	0.945	0.055		μmol/L	0.790	0.630	—	0.950	0.055
	BS-330E <sup>9</sup>	g/L	0.156	0.124	—	0.188	0.011	BS-2000 <sup>19</sup>	g/L	0.155	0.124	—	0.186	0.010
		μmol/L	0.780	0.620	—	0.940	0.055		μmol/L	0.775	0.620	—	0.930	0.050
	BS-360E <sup>10</sup>	g/L	0.156	0.124	—	0.188	0.011	BS-2800M <sup>20</sup>	g/L	0.160	0.128	—	0.192	0.011
		μmol/L	0.780	0.620	—	0.940	0.055		μmol/L	0.800	0.640	—	0.960	0.055

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD			
CRP II	BS-120 <sup>1</sup>	mg/L	5.08	3.56	—	6.60	0.51	BS-380 <sup>11</sup>	mg/L	4.81	3.37	—	6.25	0.48	
		nmol/L	48.4	33.9	—	62.8	4.9		nmol/L	45.8	32.1	—	59.5	4.6	
	BS-180 <sup>2</sup>	mg/L	5.08	3.56	—	6.60	0.51	BS-400 <sup>12</sup>	mg/L	4.80	3.36	—	6.24	0.48	
		nmol/L	48.4	33.9	—	62.8	4.9		nmol/L	45.7	32.0	—	59.4	4.6	
	BS-200 <sup>3</sup>	mg/L	5.72	4.00	—	7.44	0.57	BS-430 <sup>13</sup>	mg/L	5.35	3.75	—	6.96	0.54	
		nmol/L	54.5	38.1	—	70.8	5.4		nmol/L	50.9	35.7	—	66.3	5.1	
	BS-200E <sup>4</sup>	mg/L	6.67	4.67	—	8.67	0.67	BS-480 <sup>14</sup>	mg/L	5.50	3.85	—	7.15	0.55	
		nmol/L	63.5	44.5	—	82.5	6.4		nmol/L	52.0	37.0	—	68.0	5.0	
	BS-230 <sup>5</sup>	mg/L	5.64	3.95	—	7.33	0.56	BS-600 <sup>15</sup>	mg/L	5.11	3.58	—	6.64	0.51	
		nmol/L	53.7	37.6	—	69.8	5.3		nmol/L	48.6	34.1	—	63.2	4.9	
	BS-240E <sup>6</sup>	mg/L	6.05	4.24	—	7.87	0.61	BS-600M <sup>16</sup>	mg/L	5.05	3.54	—	6.57	0.51	
		nmol/L	57.6	40.4	—	74.9	5.8		nmol/L	48.1	33.7	—	62.5	4.9	
	BS-300 <sup>7</sup>	mg/L	6.25	4.38	—	8.13	0.63	BS-620M <sup>17</sup>	mg/L	5.05	3.54	—	6.57	0.51	
		nmol/L	59.5	41.7	—	77.4	6.0		nmol/L	48.1	33.7	—	62.5	4.9	
	BS-330 <sup>8</sup>	mg/L	5.72	4.00	—	7.44	0.57	BS-800 <sup>18</sup>	mg/L	5.05	3.54	—	6.57	0.51	
		nmol/L	54.5	38.1	—	70.8	5.4		nmol/L	48.1	33.7	—	62.5	4.9	
	BS-330E <sup>9</sup>	mg/L	6.67	4.67	—	8.67	0.67	BS-2000 <sup>19</sup>	mg/L	5.25	3.68	—	6.83	0.53	
		nmol/L	63.5	44.5	—	82.5	6.4		nmol/L	50.0	35.0	—	65.0	5.0	
	BS-360E <sup>10</sup>	mg/L	5.05	3.54	—	6.57	0.51	BS-2800M <sup>20</sup>	mg/L	/	/	—	/	/	
		nmol/L	48.1	33.7	—	62.5	4.9		nmol/L	/	/	—	/	/	
IgA II	BS-200 <sup>3</sup>	g/L	1.69	1.31	—	2.07	0.13	BS-430 <sup>13</sup>	g/L	1.62	1.26	—	1.98	0.12	
		μmol/L	10.6	8.2	—	12.9	0.8		μmol/L	10.1	7.9	—	12.4	0.8	
	BS-200E <sup>4</sup>	g/L	1.59	1.23	—	1.95	0.12	BS-480 <sup>14</sup>	g/L	1.59	1.23	—	1.95	0.12	
		μmol/L	9.94	7.69	—	12.19	0.75		μmol/L	9.94	7.69	—	12.19	0.75	
	BS-230 <sup>5</sup>	g/L	1.58	1.22	—	1.94	0.12	BS-600 <sup>15</sup>	g/L	1.56	1.21	—	1.91	0.12	
		μmol/L	9.88	7.63	—	12.13	0.75		μmol/L	9.75	7.56	—	11.94	0.75	
	BS-240E <sup>6</sup>	g/L	1.61	1.25	—	1.97	0.12	BS-600M <sup>16</sup>	g/L	1.55	1.20	—	1.90	0.12	
		μmol/L	10.1	7.8	—	12.3	0.8		μmol/L	9.69	7.50	—	11.88	0.75	
	BS-330 <sup>8</sup>	g/L	1.69	1.31	—	2.07	0.13	BS-620M <sup>17</sup>	g/L	1.55	1.20	—	1.90	0.12	
		μmol/L	10.6	8.2	—	12.9	0.8		μmol/L	9.69	7.50	—	11.88	0.75	
	BS-330E <sup>9</sup>	g/L	1.59	1.23	—	1.95	0.12	BS-800 <sup>18</sup>	g/L	1.60	1.24	—	1.96	0.12	
		μmol/L	9.94	7.69	—	12.19	0.75		μmol/L	10.0	7.8	—	12.3	0.8	
	BS-360E <sup>10</sup>	g/L	1.61	1.25	—	1.97	0.12	BS-2000 <sup>19</sup>	g/L	1.58	1.22	—	1.94	0.12	
		μmol/L	10.1	7.8	—	12.3	0.8		μmol/L	9.88	7.63	—	12.13	0.75	
	BS-380 <sup>11</sup>	g/L	1.57	1.22	—	1.92	0.12	BS-2800M <sup>20</sup>	g/L	1.60	1.24	—	1.96	0.12	
		μmol/L	9.81	7.63	—	12.00	0.75		μmol/L	10.0	7.8	—	12.3	0.8	
	BS-400 <sup>12</sup>	g/L	1.60	1.24	—	1.96	0.12								
		μmol/L	10.0	7.8	—	12.3	0.8								
	IgG	BS-120 <sup>1</sup>	g/L	7.79	6.04	—	9.54	0.58	BS-380 <sup>11</sup>	g/L	7.76	6.01	—	9.51	0.58
			μmol/L	52.0	40.3	—	63.6	3.9		μmol/L	51.8	40.1	—	63.4	3.9
BS-180 <sup>2</sup>		g/L	7.79	6.04	—	9.54	0.58	BS-400 <sup>12</sup>	g/L	7.76	6.01	—	9.51	0.58	
		μmol/L	52.0	40.3	—	63.6	3.9		μmol/L	51.8	40.1	—	63.4	3.9	
BS-200 <sup>3</sup>		g/L	7.78	6.03	—	9.53	0.58	BS-430 <sup>13</sup>	g/L	7.63	5.91	—	9.35	0.57	
		μmol/L	51.9	40.2	—	63.6	3.9		μmol/L	50.9	39.4	—	62.4	3.8	
BS-200E <sup>4</sup>		g/L	7.74	6.00	—	9.48	0.58	BS-480 <sup>14</sup>	g/L	7.24	5.61	—	8.87	0.54	
		μmol/L	51.6	40.0	—	63.2	3.9		μmol/L	48.3	37.4	—	59.2	3.6	
BS-230 <sup>5</sup>		g/L	7.63	5.91	—	9.35	0.57	BS-600 <sup>15</sup>	g/L	7.63	5.91	—	9.35	0.57	
		μmol/L	50.9	39.4	—	62.4	3.8		μmol/L	50.9	39.4	—	62.4	3.8	
BS-240E <sup>6</sup>		g/L	7.63	5.91	—	9.35	0.57	BS-600M <sup>16</sup>	g/L	7.65	5.93	—	9.37	0.57	
		μmol/L	50.9	39.4	—	62.4	3.8		μmol/L	51.0	39.6	—	62.5	3.8	
BS-300 <sup>7</sup>		g/L	7.76	6.01	—	9.51	0.58	BS-620M <sup>17</sup>	g/L	7.65	5.93	—	9.37	0.57	
		μmol/L	51.8	40.1	—	63.4	3.9		μmol/L	51.0	39.6	—	62.5	3.8	
BS-330 <sup>8</sup>		g/L	7.78	6.03	—	9.53	0.58	BS-800 <sup>18</sup>	g/L	7.63	5.91	—	9.35	0.57	
		μmol/L	51.9	40.2	—	63.6	3.9		μmol/L	50.9	39.4	—	62.4	3.8	
BS-330E <sup>9</sup>		g/L	7.74	6.00	—	9.48	0.58	BS-2000 <sup>19</sup>	g/L	7.57	5.87	—	9.27	0.57	
		μmol/L	51.6	40.0	—	63.2	3.9		μmol/L	50.5	39.2	—	61.8	3.8	
BS-360E <sup>10</sup>		g/L	7.78	6.03	—	9.53	0.58	BS-2800M <sup>20</sup>	g/L	7.65	5.93	—	9.37	0.57	
		μmol/L	51.9	40.2	—	63.6	3.9		μmol/L	51.0	39.6	—	62.5	3.8	

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>IgM</b>	BS-120 <sup>1</sup>	g/L	0.691	0.536	—	0.846	0.052	BS-380 <sup>11</sup>	g/L	0.695	0.539	—	0.851	0.052
		μmol/L	0.712	0.552	—	0.871	0.054		μmol/L	0.716	0.555	—	0.877	0.054
	BS-180 <sup>2</sup>	g/L	0.691	0.536	—	0.846	0.052	BS-400 <sup>12</sup>	g/L	0.692	0.536	—	0.848	0.052
		μmol/L	0.712	0.552	—	0.871	0.054		μmol/L	0.713	0.552	—	0.873	0.054
	BS-200 <sup>3</sup>	g/L	0.709	0.549	—	0.869	0.053	BS-430 <sup>13</sup>	g/L	0.715	0.554	—	0.876	0.054
		μmol/L	0.730	0.565	—	0.895	0.055		μmol/L	0.736	0.571	—	0.902	0.056
	BS-200E <sup>4</sup>	g/L	0.657	0.509	—	0.805	0.049	BS-480 <sup>14</sup>	g/L	0.692	0.536	—	0.848	0.052
		μmol/L	0.677	0.524	—	0.829	0.050		μmol/L	0.713	0.552	—	0.873	0.054
	BS-230 <sup>5</sup>	g/L	0.678	0.525	—	0.831	0.051	BS-600 <sup>15</sup>	g/L	0.689	0.534	—	0.844	0.052
		μmol/L	0.698	0.541	—	0.856	0.053		μmol/L	0.710	0.550	—	0.869	0.054
	BS-240E <sup>6</sup>	g/L	0.692	0.536	—	0.848	0.052	BS-600M <sup>16</sup>	g/L	0.680	0.527	—	0.833	0.051
		μmol/L	0.713	0.552	—	0.873	0.054		μmol/L	0.700	0.543	—	0.858	0.053
	BS-300 <sup>7</sup>	g/L	0.695	0.539	—	0.851	0.052	BS-620M <sup>17</sup>	g/L	0.680	0.527	—	0.833	0.051
		μmol/L	0.716	0.555	—	0.877	0.054		μmol/L	0.700	0.543	—	0.858	0.053
	BS-330 <sup>8</sup>	g/L	0.709	0.549	—	0.869	0.053	BS-800 <sup>18</sup>	g/L	0.692	0.536	—	0.848	0.052
		μmol/L	0.730	0.565	—	0.895	0.055		μmol/L	0.713	0.552	—	0.873	0.054
	BS-330E <sup>9</sup>	g/L	0.657	0.509	—	0.805	0.049	BS-2000 <sup>19</sup>	g/L	0.696	0.539	—	0.853	0.052
		μmol/L	0.677	0.524	—	0.829	0.050		μmol/L	0.717	0.555	—	0.879	0.054
	BS-360E <sup>10</sup>	g/L	0.696	0.539	—	0.853	0.052	BS-2800M <sup>20</sup>	g/L	0.680	0.527	—	0.833	0.051
		μmol/L	0.717	0.555	—	0.879	0.054		μmol/L	0.700	0.543	—	0.858	0.053
<b>PA</b>	BS-120 <sup>1</sup>	mg/L	154	119	—	189	12	BS-380 <sup>11</sup>	mg/L	164	127	—	201	12
		μmol/L	2.80	2.17	—	3.44	0.22		μmol/L	2.98	2.31	—	3.66	0.22
	BS-180 <sup>2</sup>	mg/L	154	119	—	189	12	BS-400 <sup>12</sup>	mg/L	164	127	—	201	12
		μmol/L	2.80	2.17	—	3.44	0.22		μmol/L	2.98	2.31	—	3.66	0.22
	BS-200 <sup>3</sup>	mg/L	158	122	—	194	12	BS-430 <sup>13</sup>	mg/L	167	129	—	205	13
		μmol/L	2.88	2.22	—	3.53	0.22		μmol/L	3.04	2.35	—	3.73	0.24
	BS-200E <sup>4</sup>	mg/L	159	123	—	195	12	BS-480 <sup>14</sup>	mg/L	165	128	—	202	12
		μmol/L	2.89	2.24	—	3.55	0.22		μmol/L	3.00	2.33	—	3.68	0.22
	BS-230 <sup>5</sup>	mg/L	155	120	—	190	12	BS-600 <sup>15</sup>	mg/L	165	128	—	202	12
		μmol/L	2.82	2.18	—	3.46	0.22		μmol/L	3.00	2.33	—	3.68	0.22
	BS-240E <sup>6</sup>	mg/L	165	128	—	202	12	BS-600M <sup>16</sup>	mg/L	161	125	—	197	12
		μmol/L	3.00	2.33	—	3.68	0.22		μmol/L	2.93	2.28	—	3.59	0.22
	BS-300 <sup>7</sup>	mg/L	162	126	—	198	12	BS-620M <sup>17</sup>	mg/L	161	125	—	197	12
		μmol/L	2.95	2.29	—	3.60	0.22		μmol/L	2.93	2.28	—	3.59	0.22
	BS-330 <sup>8</sup>	mg/L	158	122	—	194	12	BS-800 <sup>18</sup>	mg/L	165	128	—	202	12
		μmol/L	2.88	2.22	—	3.53	0.22		μmol/L	3.00	2.33	—	3.68	0.22
	BS-330E <sup>9</sup>	mg/L	159	123	—	195	12	BS-2000 <sup>19</sup>	mg/L	168	130	—	206	13
		μmol/L	2.89	2.24	—	3.55	0.22		μmol/L	3.06	2.37	—	3.75	0.24
	BS-360E <sup>10</sup>	mg/L	165	128	—	202	12	BS-2800M <sup>20</sup>	mg/L	169	131	—	207	13
		μmol/L	3.00	2.33	—	3.68	0.22		μmol/L	3.08	2.38	—	3.77	0.24
<b>LDH</b>	BS-120 <sup>1</sup>	U/L	161	137	—	185	8	BS-380 <sup>11</sup>	U/L	160	136	—	184	8
		μkat/L	2.69	2.29	—	3.09	0.13		μkat/L	2.67	2.27	—	3.07	0.13
	BS-180 <sup>2</sup>	U/L	161	137	—	185	8	BS-400 <sup>12</sup>	U/L	161	137	—	185	8
		μkat/L	2.69	2.29	—	3.09	0.13		μkat/L	2.69	2.29	—	3.09	0.13
	BS-200 <sup>3</sup>	U/L	160	136	—	184	8	BS-430 <sup>13</sup>	U/L	161	137	—	185	8
		μkat/L	2.67	2.27	—	3.07	0.13		μkat/L	2.69	2.29	—	3.09	0.13
	BS-200E <sup>4</sup>	U/L	161	137	—	185	8	BS-480 <sup>14</sup>	U/L	161	137	—	185	8
		μkat/L	2.69	2.29	—	3.09	0.13		μkat/L	2.69	2.29	—	3.09	0.13
	BS-230 <sup>5</sup>	U/L	162	138	—	186	8	BS-600 <sup>15</sup>	U/L	162	138	—	186	8
		μkat/L	2.71	2.30	—	3.11	0.13		μkat/L	2.71	2.30	—	3.11	0.13
	BS-240E <sup>6</sup>	U/L	160	136	—	184	8	BS-600M <sup>16</sup>	U/L	162	138	—	186	8
		μkat/L	2.67	2.27	—	3.07	0.13		μkat/L	2.71	2.30	—	3.11	0.13
	BS-300 <sup>7</sup>	U/L	161	137	—	185	8	BS-620M <sup>17</sup>	U/L	162	138	—	186	8
		μkat/L	2.69	2.29	—	3.09	0.13		μkat/L	2.71	2.30	—	3.11	0.13
	BS-330 <sup>8</sup>	U/L	160	136	—	184	8	BS-800 <sup>18</sup>	U/L	160	136	—	184	8
		μkat/L	2.67	2.27	—	3.07	0.13		μkat/L	2.67	2.27	—	3.07	0.13
	BS-330E <sup>9</sup>	U/L	161	137	—	185	8	BS-2000 <sup>19</sup>	U/L	161	137	—	185	8
		μkat/L	2.69	2.29	—	3.09	0.13		μkat/L	2.69	2.29	—	3.09	0.13
	BS-360E <sup>10</sup>	U/L	161	137	—	185	8	BS-2800M <sup>20</sup>	U/L	161	137	—	185	8
		μkat/L	2.69	2.29	—	3.09	0.13		μkat/L	2.69	2.29	—	3.09	0.13

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>Mg II</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	0.856	0.753	—	0.959	0.034	<b>BS-380</b> <sup>11</sup>	mmol/L	0.852	0.750	—	0.954	0.034
		mg/dL	2.08	1.83	—	2.33	0.08		mg/dL	2.07	1.82	—	2.32	0.08
	<b>BS-180</b> <sup>2</sup>	mmol/L	0.856	0.753	—	0.959	0.034	<b>BS-400</b> <sup>12</sup>	mmol/L	0.852	0.750	—	0.954	0.034
		mg/dL	2.08	1.83	—	2.33	0.08		mg/dL	2.07	1.82	—	2.32	0.08
	<b>BS-200</b> <sup>3</sup>	mmol/L	0.865	0.761	—	0.969	0.035	<b>BS-430</b> <sup>13</sup>	mmol/L	0.850	0.748	—	0.952	0.034
		mg/dL	2.10	1.85	—	2.35	0.09		mg/dL	2.07	1.82	—	2.31	0.08
	<b>BS-200E</b> <sup>4</sup>	mmol/L	0.847	0.745	—	0.949	0.034	<b>BS-480</b> <sup>14</sup>	mmol/L	0.849	0.747	—	0.951	0.034
		mg/dL	2.06	1.81	—	2.31	0.08		mg/dL	2.06	1.82	—	2.31	0.08
	<b>BS-230</b> <sup>5</sup>	mmol/L	0.858	0.755	—	0.961	0.034	<b>BS-600</b> <sup>15</sup>	mmol/L	0.837	0.737	—	0.937	0.033
		mg/dL	2.08	1.83	—	2.34	0.08		mg/dL	2.03	1.79	—	2.28	0.08
	<b>BS-240E</b> <sup>6</sup>	mmol/L	0.846	0.744	—	0.948	0.034	<b>BS-600M</b> <sup>16</sup>	mmol/L	0.860	0.757	—	0.963	0.034
		mg/dL	2.06	1.81	—	2.30	0.08		mg/dL	2.09	1.84	—	2.34	0.08
	<b>BS-300</b> <sup>7</sup>	mmol/L	0.852	0.750	—	0.954	0.034	<b>BS-620M</b> <sup>17</sup>	mmol/L	0.860	0.757	—	0.963	0.034
		mg/dL	2.07	1.82	—	2.32	0.08		mg/dL	2.09	1.84	—	2.34	0.08
	<b>BS-330</b> <sup>8</sup>	mmol/L	0.865	0.761	—	0.969	0.035	<b>BS-800</b> <sup>18</sup>	mmol/L	0.850	0.748	—	0.952	0.034
		mg/dL	2.10	1.85	—	2.35	0.09		mg/dL	2.07	1.82	—	2.31	0.08
	<b>BS-330E</b> <sup>9</sup>	mmol/L	0.847	0.745	—	0.949	0.034	<b>BS-2000</b> <sup>19</sup>	mmol/L	0.863	0.759	—	0.967	0.035
		mg/dL	2.06	1.81	—	2.31	0.08		mg/dL	2.10	1.84	—	2.35	0.09
	<b>BS-360E</b> <sup>10</sup>	mmol/L	0.837	0.737	—	0.937	0.033	<b>BS-2800M</b> <sup>20</sup>	mmol/L	0.861	0.758	—	0.964	0.034
		mg/dL	2.03	1.79	—	2.28	0.08		mg/dL	2.09	1.84	—	2.34	0.08
<b>P</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	1.35	1.15	—	1.55	0.07	<b>BS-380</b> <sup>11</sup>	mmol/L	1.35	1.15	—	1.55	0.07
		mg/dL	4.19	3.57	—	4.81	0.22		mg/dL	4.19	3.57	—	4.81	0.22
	<b>BS-180</b> <sup>2</sup>	mmol/L	1.35	1.15	—	1.55	0.07	<b>BS-400</b> <sup>12</sup>	mmol/L	1.35	1.15	—	1.55	0.07
		mg/dL	4.19	3.57	—	4.81	0.22		mg/dL	4.19	3.57	—	4.81	0.22
	<b>BS-200</b> <sup>3</sup>	mmol/L	1.36	1.16	—	1.56	0.07	<b>BS-430</b> <sup>13</sup>	mmol/L	1.34	1.14	—	1.54	0.07
		mg/dL	4.22	3.60	—	4.84	0.22		mg/dL	4.15	3.53	—	4.77	0.22
	<b>BS-200E</b> <sup>4</sup>	mmol/L	1.38	1.17	—	1.59	0.07	<b>BS-480</b> <sup>14</sup>	mmol/L	1.35	1.15	—	1.55	0.07
		mg/dL	4.28	3.63	—	4.93	0.22		mg/dL	4.19	3.57	—	4.81	0.22
	<b>BS-230</b> <sup>5</sup>	mmol/L	1.35	1.15	—	1.55	0.07	<b>BS-600</b> <sup>15</sup>	mmol/L	1.35	1.15	—	1.55	0.07
		mg/dL	4.19	3.57	—	4.81	0.22		mg/dL	4.19	3.57	—	4.81	0.22
	<b>BS-240E</b> <sup>6</sup>	mmol/L	1.33	1.13	—	1.53	0.07	<b>BS-600M</b> <sup>16</sup>	mmol/L	1.37	1.16	—	1.58	0.07
		mg/dL	4.12	3.50	—	4.74	0.22		mg/dL	4.25	3.60	—	4.90	0.22
	<b>BS-300</b> <sup>7</sup>	mmol/L	1.34	1.14	—	1.54	0.07	<b>BS-620M</b> <sup>17</sup>	mmol/L	1.37	1.16	—	1.58	0.07
		mg/dL	4.15	3.53	—	4.77	0.22		mg/dL	4.25	3.60	—	4.90	0.22
	<b>BS-330</b> <sup>8</sup>	mmol/L	1.36	1.16	—	1.56	0.07	<b>BS-800</b> <sup>18</sup>	mmol/L	1.37	1.16	—	1.58	0.07
		mg/dL	4.22	3.60	—	4.84	0.22		mg/dL	4.25	3.60	—	4.90	0.22
	<b>BS-330E</b> <sup>9</sup>	mmol/L	1.38	1.17	—	1.59	0.07	<b>BS-2000</b> <sup>19</sup>	mmol/L	1.37	1.16	—	1.58	0.07
		mg/dL	4.28	3.63	—	4.93	0.22		mg/dL	4.25	3.60	—	4.90	0.22
	<b>BS-360E</b> <sup>10</sup>	mmol/L	1.33	1.13	—	1.53	0.07	<b>BS-2800M</b> <sup>20</sup>	mmol/L	/	/	—	/	/
		mg/dL	4.12	3.50	—	4.74	0.22		mg/dL	/	/	—	/	/
<b>P II</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	1.31	1.11	—	1.51	0.07	<b>BS-380</b> <sup>11</sup>	mmol/L	1.33	1.13	—	1.53	0.07
		mg/dL	4.06	3.44	—	4.68	0.22		mg/dL	4.12	3.50	—	4.74	0.22
	<b>BS-180</b> <sup>2</sup>	mmol/L	1.31	1.11	—	1.51	0.07	<b>BS-400</b> <sup>12</sup>	mmol/L	1.33	1.13	—	1.53	0.07
		mg/dL	4.06	3.44	—	4.68	0.22		mg/dL	4.12	3.50	—	4.74	0.22
	<b>BS-200</b> <sup>3</sup>	mmol/L	1.34	1.14	—	1.54	0.07	<b>BS-430</b> <sup>13</sup>	mmol/L	1.33	1.13	—	1.53	0.07
		mg/dL	4.15	3.53	—	4.77	0.22		mg/dL	4.12	3.50	—	4.74	0.22
	<b>BS-200E</b> <sup>4</sup>	mmol/L	1.33	1.13	—	1.53	0.07	<b>BS-480</b> <sup>14</sup>	mmol/L	1.33	1.13	—	1.53	0.07
		mg/dL	4.12	3.50	—	4.74	0.22		mg/dL	4.12	3.50	—	4.74	0.22
	<b>BS-230</b> <sup>5</sup>	mmol/L	1.32	1.12	—	1.52	0.07	<b>BS-600</b> <sup>15</sup>	mmol/L	1.33	1.13	—	1.53	0.07
		mg/dL	4.09	3.47	—	4.71	0.22		mg/dL	4.12	3.50	—	4.74	0.22
	<b>BS-240E</b> <sup>6</sup>	mmol/L	1.31	1.11	—	1.51	0.07	<b>BS-600M</b> <sup>16</sup>	mmol/L	1.34	1.14	—	1.54	0.07
		mg/dL	4.06	3.44	—	4.68	0.22		mg/dL	4.15	3.53	—	4.77	0.22
	<b>BS-300</b> <sup>7</sup>	mmol/L	1.32	1.12	—	1.52	0.07	<b>BS-620M</b> <sup>17</sup>	mmol/L	1.34	1.14	—	1.54	0.07
		mg/dL	4.09	3.47	—	4.71	0.22		mg/dL	4.15	3.53	—	4.77	0.22
	<b>BS-330</b> <sup>8</sup>	mmol/L	1.34	1.14	—	1.54	0.07	<b>BS-800</b> <sup>18</sup>	mmol/L	1.33	1.13	—	1.53	0.07
		mg/dL	4.15	3.53	—	4.77	0.22		mg/dL	4.12	3.50	—	4.74	0.22
	<b>BS-330E</b> <sup>9</sup>	mmol/L	1.33	1.13	—	1.53	0.07	<b>BS-2000</b> <sup>19</sup>	mmol/L	1.34	1.14	—	1.54	0.07
		mg/dL	4.12	3.50	—	4.74	0.22		mg/dL	4.15	3.53	—	4.77	0.22
	<b>BS-360E</b> <sup>10</sup>	mmol/L	1.31	1.11	—	1.51	0.07	<b>BS-2800M</b> <sup>20</sup>	mmol/L	1.34	1.14	—	1.54	0.07
		mg/dL	4.06	3.44	—	4.68	0.22		mg/dL	4.15	3.53	—	4.77	0.22

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
TP	BS-120 <sup>1</sup>	g/L	50.5	42.9	—	58.1	2.5	BS-380 <sup>11</sup>	g/L	50.4	42.8	—	58.0	2.5
	BS-180 <sup>2</sup>	g/L	50.5	42.9	—	58.1	2.5	BS-400 <sup>12</sup>	g/L	50.2	42.7	—	57.7	2.5
	BS-200 <sup>3</sup>	g/L	50.5	42.9	—	58.1	2.5	BS-430 <sup>13</sup>	g/L	49.7	42.2	—	57.2	2.5
	BS-200E <sup>4</sup>	g/L	50.6	43.0	—	58.2	2.5	BS-480 <sup>14</sup>	g/L	49.6	42.2	—	57.0	2.5
	BS-230 <sup>5</sup>	g/L	50.3	42.8	—	57.8	2.5	BS-600 <sup>15</sup>	g/L	49.7	42.2	—	57.2	2.5
	BS-240E <sup>6</sup>	g/L	50.6	43.0	—	58.2	2.5	BS-600M <sup>15</sup>	g/L	49.7	42.2	—	57.2	2.5
	BS-300 <sup>7</sup>	g/L	50.2	42.7	—	57.7	2.5	BS-620M <sup>16</sup>	g/L	49.7	42.2	—	57.2	2.5
	BS-330 <sup>8</sup>	g/L	50.5	42.9	—	58.1	2.5	BS-800 <sup>16</sup>	g/L	49.7	42.2	—	57.2	2.5
	BS-330E <sup>9</sup>	g/L	50.6	43.0	—	58.2	2.5	BS-2000 <sup>17</sup>	g/L	49.9	42.4	—	57.4	2.5
	BS-360E <sup>10</sup>	g/L	50.6	43.0	—	58.2	2.5	BS-2800M <sup>18</sup>	g/L	/	/	—	/	/
TP II	BS-120 <sup>1</sup>	g/L	50.7	43.1	—	58.3	2.5	BS-380 <sup>11</sup>	g/L	50.5	42.9	—	58.1	2.5
	BS-180 <sup>2</sup>	g/L	50.7	43.1	—	58.3	2.5	BS-400 <sup>12</sup>	g/L	50.5	42.9	—	58.1	2.5
	BS-200 <sup>3</sup>	g/L	50.7	43.1	—	58.3	2.5	BS-430 <sup>13</sup>	g/L	49.9	42.4	—	57.4	2.5
	BS-200E <sup>4</sup>	g/L	50.1	42.6	—	57.6	2.5	BS-480 <sup>14</sup>	g/L	49.7	42.2	—	57.2	2.5
	BS-230 <sup>5</sup>	g/L	50.1	42.6	—	57.6	2.5	BS-600 <sup>15</sup>	g/L	49.9	42.4	—	57.4	2.5
	BS-240E <sup>6</sup>	g/L	50.1	42.6	—	57.6	2.5	BS-600M <sup>15</sup>	g/L	50.8	43.2	—	58.4	2.5
	BS-300 <sup>7</sup>	g/L	50.2	42.7	—	57.7	2.5	BS-620M <sup>16</sup>	g/L	50.8	43.2	—	58.4	2.5
	BS-330 <sup>8</sup>	g/L	50.7	43.1	—	58.3	2.5	BS-800 <sup>16</sup>	g/L	49.9	42.4	—	57.4	2.5
	BS-330E <sup>9</sup>	g/L	50.1	42.6	—	57.6	2.5	BS-2000 <sup>17</sup>	g/L	49.6	42.2	—	57.0	2.5
	BS-360E <sup>10</sup>	g/L	50.1	42.6	—	57.6	2.5	BS-2800M <sup>18</sup>	g/L	49.9	42.4	—	57.4	2.5
TG	BS-120 <sup>1</sup>	mmol/L	1.26	1.09	—	1.43	0.06	BS-380 <sup>11</sup>	mmol/L	1.25	1.08	—	1.42	0.06
		mg/dL	112	96	—	127	5	BS-380 <sup>11</sup>	mg/dL	111	96	—	126	5
	BS-180 <sup>2</sup>	mmol/L	1.26	1.09	—	1.43	0.06	BS-400 <sup>12</sup>	mmol/L	1.26	1.09	—	1.43	0.06
		mg/dL	112	96	—	127	5	BS-400 <sup>12</sup>	mg/dL	112	96	—	127	5
	BS-200 <sup>3</sup>	mmol/L	1.27	1.10	—	1.44	0.06	BS-430 <sup>13</sup>	mmol/L	1.25	1.08	—	1.42	0.06
		mg/dL	112	97	—	127	5	BS-430 <sup>13</sup>	mg/dL	111	96	—	126	5
	BS-200E <sup>4</sup>	mmol/L	1.28	1.11	—	1.45	0.06	BS-480 <sup>14</sup>	mmol/L	1.25	1.08	—	1.42	0.06
		mg/dL	113	98	—	128	5	BS-480 <sup>14</sup>	mg/dL	111	96	—	126	5
	BS-230 <sup>5</sup>	mmol/L	1.27	1.10	—	1.44	0.06	BS-600 <sup>15</sup>	mmol/L	1.26	1.09	—	1.43	0.06
		mg/dL	112	97	—	127	5	BS-600 <sup>15</sup>	mg/dL	112	96	—	127	5
BS-240E <sup>6</sup>	mmol/L	1.24	1.07	—	1.41	0.06	BS-600M <sup>16</sup>	mmol/L	1.31	1.13	—	1.49	0.06	
	mg/dL	110	95	—	125	5	BS-600M <sup>16</sup>	mg/dL	116	100	—	132	5	
BS-300 <sup>7</sup>	mmol/L	1.24	1.07	—	1.41	0.06	BS-620M <sup>17</sup>	mmol/L	1.31	1.13	—	1.49	0.06	
	mg/dL	110	95	—	125	5	BS-620M <sup>17</sup>	mg/dL	116	100	—	132	5	
BS-330 <sup>8</sup>	mmol/L	1.27	1.10	—	1.44	0.06	BS-800 <sup>18</sup>	mmol/L	1.28	1.11	—	1.45	0.06	
	mg/dL	112	97	—	127	5	BS-800 <sup>18</sup>	mg/dL	113	98	—	128	5	
BS-330E <sup>9</sup>	mmol/L	1.28	1.11	—	1.45	0.06	BS-2000 <sup>19</sup>	mmol/L	1.28	1.11	—	1.45	0.06	
	mg/dL	113	98	—	128	5	BS-2000 <sup>19</sup>	mg/dL	113	98	—	128	5	
BS-360E <sup>10</sup>	mmol/L	1.23	1.06	—	1.40	0.06	BS-2800M <sup>20</sup>	mmol/L	1.31	1.13	—	1.49	0.06	
	mg/dL	109	94	—	124	5	BS-2800M <sup>20</sup>	mg/dL	116	100	—	132	5	
UA	BS-120 <sup>1</sup>	μmol/L	309	267	—	351	14	BS-380 <sup>11</sup>	μmol/L	311	269	—	353	14
		mg/dL	5.19	4.49	—	5.90	0.24	BS-380 <sup>11</sup>	mg/dL	5.23	4.52	—	5.93	0.24
	BS-180 <sup>2</sup>	μmol/L	309	267	—	351	14	BS-400 <sup>12</sup>	μmol/L	311	269	—	353	14
		mg/dL	5.19	4.49	—	5.90	0.24	BS-400 <sup>12</sup>	mg/dL	5.23	4.52	—	5.93	0.24
	BS-200 <sup>3</sup>	μmol/L	306	265	—	347	14	BS-430 <sup>13</sup>	μmol/L	314	272	—	356	14
		mg/dL	5.14	4.45	—	5.83	0.24	BS-430 <sup>13</sup>	mg/dL	5.28	4.57	—	5.98	0.24
	BS-200E <sup>4</sup>	μmol/L	311	269	—	353	14	BS-480 <sup>14</sup>	μmol/L	314	272	—	356	14
		mg/dL	5.23	4.52	—	5.93	0.24	BS-480 <sup>14</sup>	mg/dL	5.28	4.57	—	5.98	0.24
	BS-230 <sup>5</sup>	μmol/L	310	268	—	352	14	BS-600 <sup>15</sup>	μmol/L	314	272	—	356	14
		mg/dL	5.21	4.50	—	5.92	0.24	BS-600 <sup>15</sup>	mg/dL	5.28	4.57	—	5.98	0.24
BS-240E <sup>6</sup>	μmol/L	314	272	—	356	14	BS-600M <sup>16</sup>	μmol/L	319	276	—	362	14	
	mg/dL	5.28	4.57	—	5.98	0.24	BS-600M <sup>16</sup>	mg/dL	5.36	4.64	—	6.08	0.24	
BS-300 <sup>7</sup>	μmol/L	311	269	—	353	14	BS-620M <sup>17</sup>	μmol/L	319	276	—	362	14	
	mg/dL	5.23	4.52	—	5.93	0.24	BS-620M <sup>17</sup>	mg/dL	5.36	4.64	—	6.08	0.24	
BS-330 <sup>8</sup>	μmol/L	306	265	—	347	14	BS-800 <sup>18</sup>	μmol/L	314	272	—	356	14	
	mg/dL	5.14	4.45	—	5.83	0.24	BS-800 <sup>18</sup>	mg/dL	5.28	4.57	—	5.98	0.24	
BS-330E <sup>9</sup>	μmol/L	311	269	—	353	14	BS-2000 <sup>19</sup>	μmol/L	313	271	—	355	14	
	mg/dL	5.23	4.52	—	5.93	0.24	BS-2000 <sup>19</sup>	mg/dL	5.26	4.55	—	5.97	0.24	
BS-360E <sup>10</sup>	μmol/L	309	267	—	351	14	BS-2800M <sup>20</sup>	μmol/L	319	276	—	362	14	
	mg/dL	5.19	4.49	—	5.90	0.24	BS-2800M <sup>20</sup>	mg/dL	5.36	4.64	—	6.08	0.24	

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
Urea	BS-120 <sup>1</sup>	mmol/L	6.91	5.87	—	7.95	0.35	BS-380 <sup>11</sup>	mmol/L	7.04	5.98	—	8.10	0.35
		mg/dL	41.5	35.3	—	47.7	2.1		mg/dL	42.3	35.9	—	48.6	2.1
	BS-180 <sup>2</sup>	mmol/L	6.91	5.87	—	7.95	0.35	BS-400 <sup>12</sup>	mmol/L	7.04	5.98	—	8.10	0.35
		mg/dL	41.5	35.3	—	47.7	2.1		mg/dL	42.3	35.9	—	48.6	2.1
	BS-200 <sup>3</sup>	mmol/L	6.91	5.87	—	7.95	0.35	BS-430 <sup>13</sup>	mmol/L	7.03	5.98	—	8.08	0.35
		mg/dL	41.5	35.3	—	47.7	2.1		mg/dL	42.2	35.9	—	48.5	2.1
	BS-200E <sup>4</sup>	mmol/L	7.02	5.97	—	8.07	0.35	BS-480 <sup>14</sup>	mmol/L	6.90	5.87	—	7.94	0.35
		mg/dL	42.2	35.9	—	48.5	2.1		mg/dL	41.4	35.3	—	47.7	2.1
	BS-230 <sup>5</sup>	mmol/L	6.95	5.91	—	7.99	0.35	BS-600 <sup>15</sup>	mmol/L	7.03	5.98	—	8.08	0.35
		mg/dL	41.7	35.5	—	48.0	2.1		mg/dL	42.2	35.9	—	48.5	2.1
	BS-240E <sup>6</sup>	mmol/L	6.93	5.89	—	7.97	0.35	BS-600M <sup>16</sup>	mmol/L	7.03	5.98	—	8.08	0.35
		mg/dL	41.6	35.4	—	47.9	2.1		mg/dL	42.2	35.9	—	48.5	2.1
	BS-300 <sup>7</sup>	mmol/L	7.04	5.98	—	8.10	0.35	BS-620M <sup>17</sup>	mmol/L	7.03	5.98	—	8.08	0.35
		mg/dL	42.3	35.9	—	48.6	2.1		mg/dL	42.2	35.9	—	48.5	2.1
	BS-330 <sup>8</sup>	mmol/L	6.91	5.87	—	7.95	0.35	BS-800 <sup>18</sup>	mmol/L	7.03	5.98	—	8.08	0.35
		mg/dL	41.5	35.3	—	47.7	2.1		mg/dL	42.2	35.9	—	48.5	2.1
	BS-330E <sup>9</sup>	mmol/L	7.02	5.97	—	8.07	0.35	BS-2000 <sup>19</sup>	mmol/L	6.95	5.91	—	7.99	0.35
		mg/dL	42.2	35.9	—	48.5	2.1		mg/dL	41.7	35.5	—	48.0	2.1
BS-360E <sup>10</sup>	mmol/L	7.03	5.98	—	8.08	0.35	BS-2800M <sup>20</sup>	mmol/L	6.78	5.76	—	7.80	0.34	
	mg/dL	42.2	35.9	—	48.5	2.1		mg/dL	40.7	34.6	—	46.8	2.0	
LIP	BS-120 <sup>1</sup>	U/L	46.4	37.1	—	55.7	3.1	BS-380 <sup>11</sup>	U/L	47.2	37.7	—	56.7	3.2
		μkat/L	0.775	0.620	—	0.930	0.052		μkat/L	0.788	0.630	—	0.947	0.053
	BS-180 <sup>2</sup>	U/L	/	/	—	/	/	BS-400 <sup>12</sup>	U/L	47.2	37.7	—	56.7	3.2
		μkat/L	/	/	—	/	/		μkat/L	0.788	0.630	—	0.947	0.053
	BS-200 <sup>3</sup>	U/L	47.2	37.7	—	56.7	3.2	BS-430 <sup>13</sup>	U/L	47.0	37.6	—	56.4	3.1
		μkat/L	0.788	0.630	—	0.947	0.053		μkat/L	0.785	0.628	—	0.942	0.052
	BS-200E <sup>4</sup>	U/L	47.5	38.0	—	57.0	3.2	BS-480 <sup>14</sup>	U/L	46.8	37.4	—	56.2	3.1
		μkat/L	0.793	0.635	—	0.952	0.053		μkat/L	0.782	0.625	—	0.939	0.052
	BS-230 <sup>5</sup>	U/L	46.5	37.2	—	55.8	3.1	BS-600 <sup>15</sup>	U/L	47.0	37.6	—	56.4	3.1
		μkat/L	0.777	0.621	—	0.932	0.052		μkat/L	0.785	0.628	—	0.942	0.052
	BS-240E <sup>6</sup>	U/L	46.0	36.8	—	55.2	3.1	BS-600M <sup>16</sup>	U/L	47.1	37.6	—	56.6	3.2
		μkat/L	0.768	0.615	—	0.922	0.052		μkat/L	0.787	0.628	—	0.945	0.053
	BS-300 <sup>7</sup>	U/L	44.8	35.8	—	53.8	3.0	BS-620M <sup>17</sup>	U/L	47.1	37.6	—	56.6	3.2
		μkat/L	0.748	0.598	—	0.898	0.050		μkat/L	0.787	0.628	—	0.945	0.053
	BS-330 <sup>8</sup>	U/L	/	/	—	/	/	BS-800 <sup>18</sup>	U/L	47.0	37.6	—	56.4	3.1
		μkat/L	/	/	—	/	/		μkat/L	0.785	0.628	—	0.942	0.052
	BS-330E <sup>9</sup>	U/L	47.5	38.0	—	57.0	3.2	BS-2000 <sup>19</sup>	U/L	46.6	37.2	—	56.0	3.1
		μkat/L	0.793	0.635	—	0.952	0.053		μkat/L	0.778	0.621	—	0.935	0.052
BS-360E <sup>10</sup>	U/L	46.6	37.2	—	56.0	3.1	BS-2800M <sup>20</sup>	U/L	46.7	37.3	—	56.1	3.1	
	μkat/L	0.778	0.621	—	0.935	0.052		μkat/L	0.780	0.623	—	0.937	0.052	
CHE	BS-200 <sup>3</sup>	U/L	5756	4599	—	6913	386	BS-400 <sup>12</sup>	U/L	5826	4655	—	6997	390
		μkat/L	96.1	76.8	—	115.4	6.4		μkat/L	97.3	77.7	—	116.8	6.5
	BS-200E <sup>4</sup>	U/L	5727	4576	—	6878	384	BS-430 <sup>13</sup>	U/L	5811	4643	—	6979	389
		μkat/L	95.6	76.4	—	114.9	6.4		μkat/L	97.0	77.5	—	116.5	6.5
	BS-230 <sup>5</sup>	U/L	5740	4586	—	6894	385	BS-480 <sup>14</sup>	U/L	5771	4611	—	6931	387
		μkat/L	95.9	76.6	—	115.1	6.4		μkat/L	96.4	77.0	—	115.7	6.5
	BS-240E <sup>6</sup>	U/L	5732	4580	—	6884	384	BS-600 <sup>15</sup>	U/L	5811	4643	—	6979	389
		μkat/L	95.7	76.5	—	115.0	6.4		μkat/L	97.0	77.5	—	116.5	6.5
	BS-300 <sup>7</sup>	U/L	5750	4594	—	6906	385	BS-600M <sup>16</sup>	U/L	5835	4662	—	7008	391
		μkat/L	96.0	76.7	—	115.3	6.4		μkat/L	97.4	77.9	—	117.0	6.5
	BS-330 <sup>8</sup>	U/L	/	/	—	/	/	BS-620M <sup>17</sup>	U/L	5835	4662	—	7008	391
		μkat/L	/	/	—	/	/		μkat/L	97.4	77.9	—	117.0	6.5
	BS-330E <sup>9</sup>	U/L	5727	4576	—	6878	384	BS-800 <sup>18</sup>	U/L	5811	4643	—	6979	389
		μkat/L	95.6	76.4	—	114.9	6.4		μkat/L	97.0	77.5	—	116.5	6.5
	BS-360E <sup>10</sup>	U/L	5748	4593	—	6903	385	BS-2000 <sup>19</sup>	U/L	5863	4685	—	7041	393
		μkat/L	96.0	76.7	—	115.3	6.4		μkat/L	97.9	78.2	—	117.6	6.6
	BS-380 <sup>11</sup>	U/L	5826	4655	—	6997	390	BS-2800M <sup>20</sup>	U/L	5835	4662	—	7008	391
		μkat/L	97.3	77.7	—	116.8	6.5		μkat/L	97.4	77.9	—	117.0	6.5

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD			
<b>Fe</b>	<b>BS-120</b> <sup>1</sup>	μmol/L	19.3	15.4	—	23.2	1.3	<b>BS-380</b> <sup>11</sup>	μmol/L	19.3	15.4	—	23.2	1.3	
		mg/L	1.08	0.86	—	1.30	0.07		mg/L	1.08	0.86	—	1.30	0.07	
	<b>BS-180</b> <sup>2</sup>	μmol/L	19.3	15.4	—	23.2	1.3	<b>BS-400</b> <sup>12</sup>	μmol/L	19.2	15.3	—	23.1	1.3	
		mg/L	1.08	0.86	—	1.30	0.07		mg/L	1.08	0.86	—	1.29	0.07	
	<b>BS-200</b> <sup>3</sup>	μmol/L	19.6	15.7	—	23.5	1.3	<b>BS-430</b> <sup>13</sup>	μmol/L	19.0	15.2	—	22.8	1.3	
		mg/L	1.10	0.88	—	1.32	0.07		mg/L	1.06	0.85	—	1.28	0.07	
	<b>BS-200E</b> <sup>4</sup>	μmol/L	18.9	15.1	—	22.7	1.3	<b>BS-480</b> <sup>14</sup>	μmol/L	18.9	15.1	—	22.7	1.3	
		mg/L	1.06	0.85	—	1.27	0.07		mg/L	1.06	0.85	—	1.27	0.07	
	<b>BS-230</b> <sup>5</sup>	μmol/L	19.3	15.4	—	23.2	1.3	<b>BS-600</b> <sup>15</sup>	μmol/L	18.9	15.1	—	22.7	1.3	
		mg/L	1.08	0.86	—	1.30	0.07		mg/L	1.06	0.85	—	1.27	0.07	
	<b>BS-240E</b> <sup>6</sup>	μmol/L	19.0	15.2	—	22.8	1.3	<b>BS-600M</b> <sup>16</sup>	μmol/L	19.1	15.3	—	22.9	1.3	
		mg/L	1.06	0.85	—	1.28	0.07		mg/L	1.07	0.86	—	1.28	0.07	
	<b>BS-300</b> <sup>7</sup>	μmol/L	19.8	15.8	—	23.8	1.3	<b>BS-620M</b> <sup>17</sup>	μmol/L	19.1	15.3	—	22.9	1.3	
		mg/L	1.11	0.88	—	1.33	0.07		mg/L	1.07	0.86	—	1.28	0.07	
	<b>BS-330</b> <sup>8</sup>	μmol/L	19.6	15.7	—	23.5	1.3	<b>BS-800</b> <sup>18</sup>	μmol/L	18.8	15.0	—	22.6	1.3	
		mg/L	1.10	0.88	—	1.32	0.07		mg/L	1.05	0.84	—	1.27	0.07	
	<b>BS-330E</b> <sup>9</sup>	μmol/L	18.9	15.1	—	22.7	1.3	<b>BS-2000</b> <sup>19</sup>	μmol/L	19.0	15.2	—	22.8	1.3	
		mg/L	1.06	0.85	—	1.27	0.07		mg/L	1.06	0.85	—	1.28	0.07	
<b>BS-360E</b> <sup>10</sup>	μmol/L	19.1	15.3	—	22.9	1.3	<b>BS-2800M</b> <sup>20</sup>	μmol/L	19.1	15.3	—	22.9	1.3		
	mg/L	1.07	0.86	—	1.28	0.07		mg/L	1.07	0.86	—	1.28	0.07		
<b>UIBC</b>	<b>BS-230</b> <sup>5</sup>	μmol/L	31.8	25.4	—	38.2	2.1	<b>BS-600</b> <sup>15</sup>	μmol/L	30.1	24.0	—	36.2	2.0	
		μg/dL	178	142	—	214	12		μg/dL	168	134	—	202	11	
	<b>BS-240E</b> <sup>6</sup>	μmol/L	32.0	25.6	—	38.4	2.1	<b>BS-600M</b> <sup>16</sup>	μmol/L	32.2	25.7	—	38.7	2.2	
		μg/dL	179	143	—	215	12		μg/dL	180	144	—	216	12	
	<b>BS-360E</b> <sup>10</sup>	μmol/L	32.5	26.0	—	39.0	2.2	<b>BS-620M</b> <sup>17</sup>	μmol/L	32.2	25.7	—	38.7	2.2	
		μg/dL	182	145	—	218	12		μg/dL	180	144	—	216	12	
	<b>BS-380</b> <sup>11</sup>	μmol/L	33.5	26.8	—	40.2	2.2	<b>BS-800</b> <sup>18</sup>	μmol/L	30.1	24.0	—	36.2	2.0	
		μg/dL	187	150	—	225	12		μg/dL	168	134	—	202	11	
	<b>BS-400</b> <sup>12</sup>	μmol/L	33.5	26.8	—	40.2	2.2	<b>BS-2000</b> <sup>19</sup>	μmol/L	30.2	24.1	—	36.3	2.0	
		μg/dL	187	150	—	225	12		μg/dL	169	135	—	203	11	
	<b>BS-430</b> <sup>13</sup>	μmol/L	30.1	24.0	—	36.2	2.0	<b>BS-2800M</b> <sup>20</sup>	μmol/L	30.3	24.2	—	36.4	2.0	
		μg/dL	168	134	—	202	11		μg/dL	169	135	—	203	11	
	<b>BS-480</b> <sup>14</sup>	μmol/L	32.8	26.2	—	39.4	2.2								
		μg/dL	183	146	—	220	12								
	<b>ASOII</b>	<b>BS-200E</b> <sup>4</sup>	IU/mL	119	77	—	161	14	<b>BS-480</b> <sup>14</sup>	IU/mL	117	76	—	158	14
		<b>BS-230</b> <sup>5</sup>	IU/mL	120	78	—	162	14	<b>BS-600</b> <sup>15</sup>	IU/mL	117	76	—	158	14
<b>BS-240E</b> <sup>6</sup>		IU/mL	117	76	—	158	14	<b>BS-600M</b> <sup>16</sup>	IU/mL	116	75	—	157	14	
<b>BS-360E</b> <sup>10</sup>		IU/mL	117	76	—	158	14	<b>BS-620M</b> <sup>17</sup>	IU/mL	116	75	—	157	14	
<b>BS-380</b> <sup>11</sup>	IU/mL	119	77	—	161	14	<b>BS-800</b> <sup>18</sup>	IU/mL	117	76	—	158	14		
<b>BS-400</b> <sup>12</sup>	IU/mL	119	77	—	161	14	<b>BS-2000</b> <sup>19</sup>	IU/mL	117	76	—	158	14		
<b>BS-430</b> <sup>13</sup>	IU/mL	117	76	—	158	14	<b>BS-2800M</b> <sup>20</sup>	IU/mL	116	75	—	157	14		
<b>FER</b>	<b>BS-200E</b> <sup>4</sup>	ng/mL	91.2	77.5	—	104.9	4.6	<b>BS-480</b> <sup>14</sup>	ng/mL	91.5	77.8	—	105.2	4.6	
		pmol/L	205	174	—	236	10		pmol/L	206	175	—	236	10	
	<b>BS-230</b> <sup>5</sup>	ng/mL	92.5	78.6	—	106.4	4.6	<b>BS-600</b> <sup>15</sup>	ng/mL	91.5	77.8	—	105.2	4.6	
		pmol/L	208	177	—	239	10		pmol/L	206	175	—	236	10	
	<b>BS-240E</b> <sup>6</sup>	ng/mL	91.5	77.8	—	105.2	4.6	<b>BS-600M</b> <sup>16</sup>	ng/mL	90.3	76.8	—	103.8	4.5	
		pmol/L	206	175	—	236	10		pmol/L	203	173	—	233	10	
	<b>BS-360E</b> <sup>10</sup>	ng/mL	91.5	77.8	—	105.2	4.6	<b>BS-620M</b> <sup>17</sup>	ng/mL	90.3	76.8	—	103.8	4.5	
		pmol/L	206	175	—	236	10		pmol/L	203	173	—	233	10	
	<b>BS-380</b> <sup>11</sup>	ng/mL	91.2	77.5	—	104.9	4.6	<b>BS-800</b> <sup>18</sup>	ng/mL	91.5	77.8	—	105.2	4.6	
		pmol/L	205	174	—	236	10		pmol/L	206	175	—	236	10	
	<b>BS-400</b> <sup>12</sup>	ng/mL	91.2	77.5	—	104.9	4.6	<b>BS-2000</b> <sup>19</sup>	ng/mL	90.8	77.2	—	104.4	4.5	
		pmol/L	205	174	—	236	10		pmol/L	204	173	—	235	10	
	<b>BS-430</b> <sup>13</sup>	ng/mL	91.5	77.8	—	105.2	4.6	<b>BS-2800M</b> <sup>20</sup>	ng/mL	90.3	76.8	—	103.8	4.5	
		pmol/L	206	175	—	236	10		pmol/L	203	173	—	233	10	



Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)			1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)			1 SD	
<b>HS-CRP</b> (Remark 5: The target value of HS-CRP in BS-240 is only applicable to BS-240)	BS-120 <sup>1</sup>	mg/L	/	/	—	/	/	BS-380 <sup>11</sup>	mg/L	6.13	4.29	—	7.97	0.61	
		nmol/L	/	/	—	/	/		nmol/L	58.4	40.8	—	75.9	5.8	
	BS-180 <sup>2</sup>	mg/L	/	/	—	/	/	BS-400 <sup>12</sup>	mg/L	6.07	4.25	—	7.89	0.61	
		nmol/L	/	/	—	/	/		nmol/L	57.8	40.5	—	75.1	5.8	
	BS-200 <sup>3</sup>	mg/L	/	/	—	/	/	BS-430 <sup>13</sup>	mg/L	6.06	4.24	—	7.88	0.61	
		nmol/L	/	/	—	/	/		nmol/L	57.7	40.4	—	75.0	5.8	
	BS-200E <sup>4</sup>	mg/L	6.11	4.28	—	7.94	0.61	BS-480 <sup>14</sup>	mg/L	6.11	4.28	—	7.94	0.61	
		nmol/L	58.2	40.7	—	75.6	5.8		nmol/L	58.2	40.7	—	75.6	5.8	
	BS-230 <sup>5</sup>	mg/L	6.10	4.27	—	7.93	0.61	BS-600 <sup>15</sup>	mg/L	6.11	4.28	—	7.94	0.61	
		nmol/L	58.1	40.7	—	75.5	5.8		nmol/L	58.2	40.7	—	75.6	5.8	
	BS-240E <sup>6</sup>	mg/L	7.05	4.94	—	9.17	0.71	BS-600M <sup>16</sup>	mg/L	6.06	4.24	—	7.88	0.61	
		nmol/L	67.1	47.0	—	87.3	6.8		nmol/L	57.7	40.4	—	75.0	5.8	
	BS-300 <sup>7</sup>	mg/L	6.13	4.29	—	7.97	0.61	BS-620M <sup>17</sup>	mg/L	6.06	4.24	—	7.88	0.61	
		nmol/L	58.4	40.8	—	75.9	5.8		nmol/L	57.7	40.4	—	75.0	5.8	
	BS-330 <sup>8</sup>	mg/L	/	/	—	/	/	BS-800 <sup>18</sup>	mg/L	6.11	4.28	—	7.94	0.61	
		nmol/L	/	/	—	/	/		nmol/L	58.2	40.7	—	75.6	5.8	
	BS-330E <sup>9</sup>	mg/L	6.11	4.28	—	7.94	0.61	BS-2000 <sup>19</sup>	mg/L	6.15	4.31	—	8.00	0.62	
		nmol/L	58.2	40.7	—	75.6	5.8		nmol/L	58.5	41.0	—	76.2	5.9	
	BS-360E <sup>10</sup>	mg/L	6.11	4.28	—	7.94	0.61	BS-2800M <sup>20</sup>	mg/L	6.06	4.24	—	7.88	0.61	
		nmol/L	58.2	40.7	—	75.6	5.8		nmol/L	57.7	40.4	—	75	5.8	
<b>TRF</b>	BS-120 <sup>1</sup>	g/L	1.97	1.67	—	2.27	0.10	BS-430 <sup>13</sup>	g/L	2.02	1.72	—	2.32	0.10	
		μmol/L	24.8	21.0	—	28.6	1.3		μmol/L	25.5	21.7	—	29.2	1.3	
	BS-180 <sup>2</sup>	g/L	/	/	—	/	/	BS-480 <sup>14</sup>	g/L	1.98	1.68	—	2.28	0.10	
		μmol/L	/	/	—	/	/		μmol/L	24.9	21.2	—	28.7	1.3	
	BS-200 <sup>3</sup>	g/L	1.99	1.69	—	2.29	0.10	BS-600 <sup>15</sup>	g/L	2.00	1.70	—	2.30	0.10	
		μmol/L	25.1	21.3	—	28.9	1.3		μmol/L	25.2	21.4	—	29.0	1.3	
	BS-200E <sup>4</sup>	g/L	2.04	1.73	—	2.35	0.10	BS-600M <sup>16</sup>	g/L	1.93	1.64	—	2.22	0.10	
		μmol/L	25.7	21.8	—	29.6	1.3		μmol/L	24.3	20.7	—	28.0	1.3	
	BS-230 <sup>5</sup>	g/L	2.00	1.70	—	2.30	0.10	BS-620M <sup>17</sup>	g/L	1.93	1.64	—	2.22	0.10	
		μmol/L	25.2	21.4	—	29.0	1.3		μmol/L	24.3	20.7	—	28.0	1.3	
	BS-240E <sup>6</sup>	g/L	2.00	1.70	—	2.30	0.10	BS-800 <sup>18</sup>	g/L	1.98	1.68	—	2.28	0.10	
		μmol/L	25.2	21.4	—	29.0	1.3		μmol/L	24.9	21.2	—	28.7	1.3	
	BS-360E <sup>10</sup>	g/L	1.99	1.69	—	2.29	0.10	BS-2000 <sup>19</sup>	g/L	1.97	1.67	—	2.27	0.10	
		μmol/L	25.1	21.3	—	28.9	1.3		μmol/L	24.8	21.0	—	28.6	1.3	
	BS-380 <sup>11</sup>	g/L	2.04	1.73	—	2.35	0.10	BS-2800M <sup>20</sup>	g/L	1.93	1.64	—	2.22	0.10	
		μmol/L	25.7	21.8	—	29.6	1.3		μmol/L	24.3	20.7	—	28.0	1.3	
	BS-400 <sup>12</sup>	g/L	2.04	1.73	—	2.35	0.10								
		μmol/L	25.7	21.8	—	29.6	1.3								
	<b>Na<sup>+</sup></b>	BS-120 <sup>1</sup>	mmol/L	126	114	—	138	4	BS-380 <sup>11</sup>	mmol/L	126	114	—	138	4
		BS-180 <sup>2</sup>	mmol/L	126	114	—	138	4	BS-400 <sup>12</sup>	mmol/L	126	114	—	138	4
BS-200 <sup>3</sup>		mmol/L	126	114	—	138	4	BS-430 <sup>13</sup>	mmol/L	126	114	—	138	4	
BS-200E <sup>4</sup>		mmol/L	126	114	—	138	4	BS-480 <sup>14</sup>	mmol/L	124	112	—	136	4	
BS-230 <sup>5</sup>		mmol/L	126	114	—	138	4	BS-600 <sup>15</sup>	mmol/L	121	109	—	133	4	
BS-240E <sup>6</sup>		mmol/L	121	109	—	133	4	BS-600M <sup>16</sup>	mmol/L	124	112	—	136	4	
BS-300 <sup>7</sup>		mmol/L	126	114	—	138	4	BS-620M <sup>17</sup>	mmol/L	124	112	—	136	4	
BS-330 <sup>8</sup>		mmol/L	126	114	—	138	4	BS-800 <sup>18</sup>	mmol/L	114	103	—	125	4	
BS-330E <sup>9</sup>		mmol/L	126	114	—	138	4	BS-2000 <sup>19</sup>	mmol/L	115	104	—	126	4	
BS-360E <sup>10</sup>		mmol/L	126	114	—	138	4	BS-2800M <sup>20</sup>	mmol/L	114	103	—	125	4	

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
K <sup>+</sup>	<b>BS-120</b> <sup>1</sup>	mmol/L	3.85	3.47	—	4.23	0.13	<b>BS-380</b> <sup>11</sup>	mmol/L	3.86	3.48	—	4.24	0.13
	<b>BS-180</b> <sup>2</sup>	mmol/L	3.85	3.47	—	4.23	0.13	<b>BS-400</b> <sup>12</sup>	mmol/L	3.85	3.47	—	4.23	0.13
	<b>BS-200</b> <sup>3</sup>	mmol/L	3.85	3.47	—	4.23	0.13	<b>BS-430</b> <sup>13</sup>	mmol/L	3.86	3.48	—	4.24	0.13
	<b>BS-200E</b> <sup>4</sup>	mmol/L	3.85	3.47	—	4.23	0.13	<b>BS-480</b> <sup>14</sup>	mmol/L	3.81	3.43	—	4.19	0.13
	<b>BS-230</b> <sup>5</sup>	mmol/L	3.85	3.47	—	4.23	0.13	<b>BS-600</b> <sup>15</sup>	mmol/L	3.70	3.33	—	4.07	0.12
	<b>BS-240E</b> <sup>6</sup>	mmol/L	3.71	3.34	—	4.08	0.12	<b>BS-600M</b> <sup>16</sup>	mmol/L	3.98	3.59	—	4.37	0.13
	<b>BS-300</b> <sup>7</sup>	mmol/L	3.85	3.47	—	4.23	0.13	<b>BS-620M</b> <sup>17</sup>	mmol/L	3.98	3.59	—	4.37	0.13
	<b>BS-330</b> <sup>8</sup>	mmol/L	3.85	3.47	—	4.23	0.13	<b>BS-800</b> <sup>18</sup>	mmol/L	3.68	3.32	—	4.04	0.12
	<b>BS-330E</b> <sup>9</sup>	mmol/L	3.85	3.47	—	4.23	0.13	<b>BS-2000</b> <sup>19</sup>	mmol/L	3.68	3.32	—	4.04	0.12
	<b>BS-360E</b> <sup>10</sup>	mmol/L	3.85	3.47	—	4.23	0.13	<b>BS-2800M</b> <sup>20</sup>	mmol/L	3.67	3.31	—	4.03	0.12
Cl <sup>-</sup>	<b>BS-120</b> <sup>1</sup>	mmol/L	91.5	82.4	—	100.6	3.0	<b>BS-380</b> <sup>11</sup>	mmol/L	92.1	83.0	—	101.2	3.0
	<b>BS-180</b> <sup>2</sup>	mmol/L	91.5	82.4	—	100.6	3.0	<b>BS-400</b> <sup>12</sup>	mmol/L	91.5	82.4	—	100.6	3.0
	<b>BS-200</b> <sup>3</sup>	mmol/L	91.5	82.4	—	100.6	3.0	<b>BS-430</b> <sup>13</sup>	mmol/L	90.8	81.8	—	99.8	3.0
	<b>BS-200E</b> <sup>4</sup>	mmol/L	91.5	82.4	—	100.6	3.0	<b>BS-480</b> <sup>14</sup>	mmol/L	91.6	82.5	—	100.7	3.0
	<b>BS-230</b> <sup>5</sup>	mmol/L	91.5	82.4	—	100.6	3.0	<b>BS-600</b> <sup>15</sup>	mmol/L	87.0	78.4	—	95.6	2.9
	<b>BS-240E</b> <sup>6</sup>	mmol/L	89.2	80.4	—	98.0	2.9	<b>BS-600M</b> <sup>16</sup>	mmol/L	91.4	82.4	—	100.4	3.0
	<b>BS-300</b> <sup>7</sup>	mmol/L	91.5	82.4	—	100.6	3.0	<b>BS-620M</b> <sup>17</sup>	mmol/L	91.4	82.4	—	100.4	3.0
	<b>BS-330</b> <sup>8</sup>	mmol/L	91.5	82.4	—	100.6	3.0	<b>BS-800</b> <sup>18</sup>	mmol/L	90.0	81.1	—	98.9	3.0
	<b>BS-330E</b> <sup>9</sup>	mmol/L	91.5	82.4	—	100.6	3.0	<b>BS-2000</b> <sup>19</sup>	mmol/L	90.4	81.5	—	99.3	3.0
	<b>BS-360E</b> <sup>10</sup>	mmol/L	91.5	82.4	—	100.6	3.0	<b>BS-2800M</b> <sup>20</sup>	mmol/L	90.2	81.3	—	99.1	3.0