

## 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** : 059323001

**EXP** : 2024-10-31

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-hidroxi butirato 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	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	Antistreptolisin "O"	Ferritin	Transferin					
<b>Na<sup>+</sup></b>		<b>K<sup>+</sup></b>		<b>Cl<sup>-</sup></b>						
<b>English</b>	Sodium	Potassium	Chlorine							
<b>Русский</b>	Натрий	Калий	Хлориды							
<b>Português</b>	Sódio	Potássio	Cloro							
<b>Español</b>	Sodio	Potasio	Cloro							
<b>Italiano</b>	Sodio	Potassio	Cloro							
<b>Türkçe</b>	Sodyum	Potasyum	Klor							
Abbreviated name	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	31.8	27.0 — 36.6	1.6	<b>BS-380</b> <sup>11</sup>	g/L	31.9	27.1 — 36.7	1.6
		μmol/L	483	410 — 556	24		μmol/L	485	412 — 558	24
	<b>BS-180</b> <sup>2</sup>	g/L	31.8	27.0 — 36.6	1.6	<b>BS-400</b> <sup>12</sup>	g/L	31.6	26.9 — 36.3	1.6
		μmol/L	483	410 — 556	24		μmol/L	480	409 — 552	24
	<b>BS-200</b> <sup>3</sup>	g/L	31.9	27.1 — 36.7	1.6	<b>BS-430</b> <sup>13</sup>	g/L	31.5	26.8 — 36.2	1.6
		μmol/L	485	412 — 558	24		μmol/L	479	407 — 550	24
	<b>BS-200E</b> <sup>4</sup>	g/L	31.9	27.1 — 36.7	1.6	<b>BS-480</b> <sup>14</sup>	g/L	32.1	27.3 — 36.9	1.6
		μmol/L	485	412 — 558	24		μmol/L	488	415 — 561	24
	<b>BS-230</b> <sup>5</sup>	g/L	31.5	26.8 — 36.2	1.6	<b>BS-600</b> <sup>15</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-240E</b> <sup>6</sup>	g/L	31.6	26.9 — 36.3	1.6	<b>BS-600M</b> <sup>16</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-300</b> <sup>7</sup>	g/L	31.9	27.1 — 36.7	1.6	<b>BS-620M</b> <sup>17</sup>	g/L	32.1	27.3 — 36.9	1.6
		μmol/L	485	412 — 558	24		μmol/L	488	415 — 561	24
	<b>BS-330</b> <sup>8</sup>	g/L	31.9	27.1 — 36.7	1.6	<b>BS-800</b> <sup>18</sup>	g/L	32.4	27.5 — 37.3	1.6
		μmol/L	485	412 — 558	24		μmol/L	492	418 — 567	24
	<b>BS-330E</b> <sup>9</sup>	g/L	31.9	27.1 — 36.7	1.6	<b>BS-2000</b> <sup>19</sup>	g/L	32.1	27.3 — 36.9	1.6
		μmol/L	485	412 — 558	24		μmol/L	488	415 — 561	24
	<b>BS-360E</b> <sup>10</sup>	g/L	31.5	26.8 — 36.2	1.6	<b>BS-2800M</b> <sup>20</sup>	g/L	32.1	27.3 — 36.9	1.6
		μmol/L	479	407 — 550	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	101	86	—	116	5	BS-380 <sup>11</sup>	U/L	101	86	—	116	5
		µkat/L	1.69	1.44	—	1.94	0.08		µkat/L	1.69	1.44	—	1.94	0.08
	BS-180 <sup>2</sup>	U/L	101	86	—	116	5	BS-400 <sup>12</sup>	U/L	101	86	—	116	5
		µkat/L	1.69	1.44	—	1.94	0.08		µkat/L	1.69	1.44	—	1.94	0.08
	BS-200 <sup>3</sup>	U/L	102	87	—	117	5	BS-430 <sup>13</sup>	U/L	103	88	—	118	5
		µkat/L	1.70	1.45	—	1.95	0.08		µkat/L	1.72	1.47	—	1.97	0.08
	BS-200E <sup>4</sup>	U/L	101	86	—	116	5	BS-480 <sup>14</sup>	U/L	102	87	—	117	5
		µkat/L	1.69	1.44	—	1.94	0.08		µkat/L	1.70	1.45	—	1.95	0.08
	BS-230 <sup>5</sup>	U/L	98.7	83.9	—	113.5	4.9	BS-600 <sup>15</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-240E <sup>6</sup>	U/L	101	86	—	116	5	BS-600M <sup>16</sup>	U/L	105	89	—	121	5
		µkat/L	1.69	1.44	—	1.94	0.08		µkat/L	1.75	1.49	—	2.02	0.08
	BS-300 <sup>7</sup>	U/L	101	86	—	116	5	BS-620M <sup>17</sup>	U/L	105	89	—	121	5
		µkat/L	1.69	1.44	—	1.94	0.08		µkat/L	1.75	1.49	—	2.02	0.08
	BS-330 <sup>8</sup>	U/L	102	87	—	117	5	BS-800 <sup>18</sup>	U/L	102	87	—	117	5
		µkat/L	1.70	1.45	—	1.95	0.08		µkat/L	1.70	1.45	—	1.95	0.08
	BS-330E <sup>9</sup>	U/L	101	86	—	116	5	BS-2000 <sup>19</sup>	U/L	103	88	—	118	5
		µkat/L	1.69	1.44	—	1.94	0.08		µkat/L	1.72	1.47	—	1.97	0.08
	BS-360E <sup>10</sup>	U/L	102	87	—	117	5	BS-2800M <sup>20</sup>	U/L	103	88	—	118	5
		µkat/L	1.70	1.45	—	1.95	0.08		µkat/L	1.72	1.47	—	1.97	0.08
ALT	BS-120 <sup>1</sup>	U/L	62.9	53.5	—	72.3	3.1	BS-380 <sup>11</sup>	U/L	62.7	53.3	—	72.1	3.1
		µkat/L	1.05	0.89	—	1.21	0.05		µkat/L	1.05	0.89	—	1.20	0.05
	BS-180 <sup>2</sup>	U/L	62.9	53.5	—	72.3	3.1	BS-400 <sup>12</sup>	U/L	62.7	53.3	—	72.1	3.1
		µkat/L	1.05	0.89	—	1.21	0.05		µkat/L	1.05	0.89	—	1.20	0.05
	BS-200 <sup>3</sup>	U/L	62.9	53.5	—	72.3	3.1	BS-430 <sup>13</sup>	U/L	62.5	53.1	—	71.9	3.1
		µkat/L	1.05	0.89	—	1.21	0.05		µkat/L	1.04	0.89	—	1.20	0.05
	BS-200E <sup>4</sup>	U/L	62.0	52.7	—	71.3	3.1	BS-480 <sup>14</sup>	U/L	62.7	53.3	—	72.1	3.1
		µkat/L	1.04	0.88	—	1.19	0.05		µkat/L	1.05	0.89	—	1.20	0.05
	BS-230 <sup>5</sup>	U/L	62.7	53.3	—	72.1	3.1	BS-600 <sup>15</sup>	U/L	62.5	53.1	—	71.9	3.1
		µkat/L	1.05	0.89	—	1.20	0.05		µkat/L	1.04	0.89	—	1.20	0.05
	BS-240E <sup>6</sup>	U/L	61.8	52.5	—	71.1	3.1	BS-600M <sup>16</sup>	U/L	63.0	53.6	—	72.5	3.2
		µkat/L	1.03	0.88	—	1.19	0.05		µkat/L	1.05	0.90	—	1.21	0.05
	BS-300 <sup>7</sup>	U/L	62.2	52.9	—	71.5	3.1	BS-620M <sup>17</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-330 <sup>8</sup>	U/L	62.9	53.5	—	72.3	3.1	BS-800 <sup>18</sup>	U/L	62.5	53.1	—	71.9	3.1
		µkat/L	1.05	0.89	—	1.21	0.05		µkat/L	1.04	0.89	—	1.20	0.05
	BS-330E <sup>9</sup>	U/L	62.0	52.7	—	71.3	3.1	BS-2000 <sup>19</sup>	U/L	62.1	52.8	—	71.4	3.1
		µkat/L	1.04	0.88	—	1.19	0.05		µkat/L	1.04	0.88	—	1.19	0.05
	BS-360E <sup>10</sup>	U/L	62.5	53.1	—	71.9	3.1	BS-2800M <sup>20</sup>	U/L	63.0	53.6	—	72.5	3.2
		µkat/L	1.04	0.89	—	1.20	0.05		µkat/L	1.05	0.90	—	1.21	0.05
α-AMY	BS-120 <sup>1</sup>	U/L	83.4	70.9	—	95.9	4.2	BS-380 <sup>11</sup>	U/L	83.4	70.9	—	95.9	4.2
		µkat/L	1.39	1.18	—	1.60	0.07		µkat/L	1.39	1.18	—	1.60	0.07
	BS-180 <sup>2</sup>	U/L	83.4	70.9	—	95.9	4.2	BS-400 <sup>12</sup>	U/L	83.4	70.9	—	95.9	4.2
		µkat/L	1.39	1.18	—	1.60	0.07		µkat/L	1.39	1.18	—	1.60	0.07
	BS-200 <sup>3</sup>	U/L	82.7	70.3	—	95.1	4.1	BS-430 <sup>13</sup>	U/L	83.1	70.6	—	95.6	4.2
		µkat/L	1.38	1.17	—	1.59	0.07		µkat/L	1.39	1.18	—	1.60	0.07
	BS-200E <sup>4</sup>	U/L	80.4	68.3	—	92.5	4.0	BS-480 <sup>14</sup>	U/L	83.8	71.2	—	96.4	4.2
		µkat/L	1.34	1.14	—	1.54	0.07		µkat/L	1.40	1.19	—	1.61	0.07
	BS-230 <sup>5</sup>	U/L	83.7	71.1	—	96.3	4.2	BS-600 <sup>15</sup>	U/L	83.6	71.1	—	96.1	4.2
		µkat/L	1.40	1.19	—	1.61	0.07		µkat/L	1.40	1.19	—	1.60	0.07
	BS-240E <sup>6</sup>	U/L	82.2	69.9	—	94.5	4.1	BS-600M <sup>16</sup>	U/L	83.5	71.0	—	96.0	4.2
		µkat/L	1.37	1.17	—	1.58	0.07		µkat/L	1.39	1.19	—	1.60	0.07
	BS-300 <sup>7</sup>	U/L	83.6	71.1	—	96.1	4.2	BS-620M <sup>17</sup>	U/L	83.5	71.0	—	96.0	4.2
		µkat/L	1.40	1.19	—	1.60	0.07		µkat/L	1.39	1.19	—	1.60	0.07
	BS-330 <sup>8</sup>	U/L	82.7	70.3	—	95.1	4.1	BS-800 <sup>18</sup>	U/L	83.4	70.9	—	95.9	4.2
		µkat/L	1.38	1.17	—	1.59	0.07		µkat/L	1.39	1.18	—	1.60	0.07
	BS-330E <sup>9</sup>	U/L	80.4	68.3	—	92.5	4.0	BS-2000 <sup>19</sup>	U/L	84.5	71.8	—	97.2	4.2
		µkat/L	1.34	1.14	—	1.54	0.07		µkat/L	1.41	1.20	—	1.62	0.07
	BS-360E <sup>10</sup>	U/L	84.0	71.4	—	96.6	4.2	BS-2800M <sup>20</sup>	U/L	83.5	71.0	—	96.0	4.2
		µkat/L	1.40	1.19	—	1.61	0.07		µkat/L	1.39	1.19	—	1.60	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	49.5	42.1	—	56.9	2.5	<b>BS-380</b> <sup>11</sup>	U/L	49.4	42.0	—	56.8	2.5
		μkat/L	0.827	0.703	—	0.950	0.042		μkat/L	0.825	0.701	—	0.949	0.042
	<b>BS-180</b> <sup>2</sup>	U/L	49.5	42.1	—	56.9	2.5	<b>BS-400</b> <sup>12</sup>	U/L	49.4	42.0	—	56.8	2.5
		μkat/L	0.827	0.703	—	0.950	0.042		μkat/L	0.825	0.701	—	0.949	0.042
	<b>BS-200</b> <sup>3</sup>	U/L	50.3	42.8	—	57.8	2.5	<b>BS-430</b> <sup>13</sup>	U/L	51.2	43.5	—	58.9	2.6
		μkat/L	0.840	0.715	—	0.965	0.042		μkat/L	0.855	0.726	—	0.984	0.043
	<b>BS-200E</b> <sup>4</sup>	U/L	48.3	41.1	—	55.5	2.4	<b>BS-480</b> <sup>14</sup>	U/L	51.2	43.5	—	58.9	2.6
		μkat/L	0.807	0.686	—	0.927	0.040		μkat/L	0.855	0.726	—	0.984	0.043
	<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	51.2	43.5	—	58.9	2.6
		μkat/L	0.832	0.706	—	0.957	0.042		μkat/L	0.855	0.726	—	0.984	0.043
	<b>BS-240E</b> <sup>6</sup>	U/L	51.2	43.5	—	58.9	2.6	<b>BS-600M</b> <sup>16</sup>	U/L	49.7	42.2	—	57.2	2.5
		μkat/L	0.855	0.726	—	0.984	0.043		μkat/L	0.830	0.705	—	0.955	0.042
	<b>BS-300</b> <sup>7</sup>	U/L	49.4	42.0	—	56.8	2.5	<b>BS-620M</b> <sup>17</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-330</b> <sup>8</sup>	U/L	50.3	42.8	—	57.8	2.5	<b>BS-800</b> <sup>18</sup>	U/L	51.2	43.5	—	58.9	2.6
		μkat/L	0.840	0.715	—	0.965	0.042		μkat/L	0.855	0.726	—	0.984	0.043
	<b>BS-330E</b> <sup>9</sup>	U/L	48.3	41.1	—	55.5	2.4	<b>BS-2000</b> <sup>19</sup>	U/L	50.0	42.5	—	57.5	2.5
		μkat/L	0.807	0.686	—	0.927	0.040		μkat/L	0.835	0.710	—	0.960	0.042
	<b>BS-360E</b> <sup>10</sup>	U/L	51.2	43.5	—	58.9	2.6	<b>BS-2800M</b> <sup>20</sup>	U/L	49.7	42.2	—	57.2	2.5
		μkat/L	0.855	0.726	—	0.984	0.043		μkat/L	0.830	0.705	—	0.955	0.042
<b>Bil-D (DSA) II</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	16.9	13.1	—	20.7	1.3	<b>BS-430</b> <sup>13</sup>	μmol/L	17.1	13.3	—	20.9	1.3
		mg/dL	0.988	0.766	—	1.211	0.076		mg/dL	1.00	0.78	—	1.22	0.08
	<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	17.1	13.3	—	20.9	1.3
		mg/dL	0.977	0.754	—	1.199	0.076		mg/dL	1.00	0.78	—	1.22	0.08
	<b>BS-230</b> <sup>5</sup>	μmol/L	17.1	13.3	—	20.9	1.3	<b>BS-600</b> <sup>15</sup>	μmol/L	16.7	12.9	—	20.5	1.3
		mg/dL	1.00	0.78	—	1.22	0.08		mg/dL	0.977	0.754	—	1.199	0.076
	<b>BS-240E</b> <sup>6</sup>	μmol/L	17.0	13.2	—	20.8	1.3	<b>BS-600M</b> <sup>16</sup>	μmol/L	17.2	13.3	—	21.1	1.3
		mg/dL	0.994	0.772	—	1.216	0.076		mg/dL	1.01	0.78	—	1.23	0.08
	<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	17.2	13.3	—	21.1	1.3
		mg/dL	0.977	0.754	—	1.199	0.076		mg/dL	1.01	0.78	—	1.23	0.08
	<b>BS-330</b> <sup>8</sup>	μmol/L	16.9	13.1	—	20.7	1.3	<b>BS-800</b> <sup>18</sup>	μmol/L	17.1	13.3	—	20.9	1.3
		mg/dL	0.988	0.766	—	1.211	0.076		mg/dL	1.00	0.78	—	1.22	0.08
	<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	16.9	13.1	—	20.7	1.3
		mg/dL	0.977	0.754	—	1.199	0.076		mg/dL	0.988	0.766	—	1.211	0.076
	<b>BS-360E</b> <sup>10</sup>	μmol/L	17.0	13.2	—	20.8	1.3	<b>BS-2800M</b> <sup>20</sup>	μmol/L	17.1	13.3	—	20.9	1.3
		mg/dL	0.994	0.772	—	1.216	0.076		mg/dL	1.00	0.78	—	1.22	0.08
<b>Bil-D (VOX)</b>	<b>BS-120</b> <sup>1</sup>	μmol/L	10.6	8.2	—	13.0	0.8	<b>BS-380</b> <sup>11</sup>	μmol/L	10.5	8.1	—	12.9	0.8
		mg/dL	0.620	0.480	—	0.760	0.047		mg/dL	0.614	0.474	—	0.754	0.047
	<b>BS-180</b> <sup>2</sup>	μmol/L	10.6	8.2	—	13.0	0.8	<b>BS-400</b> <sup>12</sup>	μmol/L	10.5	8.1	—	12.9	0.8
		mg/dL	0.620	0.480	—	0.760	0.047		mg/dL	0.614	0.474	—	0.754	0.047
	<b>BS-200</b> <sup>3</sup>	μmol/L	10.7	8.3	—	13.1	0.8	<b>BS-430</b> <sup>13</sup>	μmol/L	10.4	8.1	—	12.7	0.8
		mg/dL	0.626	0.485	—	0.766	0.047		mg/dL	0.608	0.474	—	0.743	0.047
	<b>BS-200E</b> <sup>4</sup>	μmol/L	10.8	8.4	—	13.2	0.8	<b>BS-480</b> <sup>14</sup>	μmol/L	10.3	8.0	—	12.6	0.8
		mg/dL	0.632	0.491	—	0.772	0.047		mg/dL	0.602	0.468	—	0.737	0.047
	<b>BS-230</b> <sup>5</sup>	μmol/L	11.2	8.7	—	13.7	0.8	<b>BS-600</b> <sup>15</sup>	μmol/L	10.6	8.2	—	13.0	0.8
		mg/dL	0.655	0.509	—	0.801	0.047		mg/dL	0.620	0.480	—	0.760	0.047
	<b>BS-240E</b> <sup>6</sup>	μmol/L	10.4	8.1	—	12.7	0.8	<b>BS-600M</b> <sup>16</sup>	μmol/L	10.8	8.4	—	13.2	0.8
		mg/dL	0.608	0.474	—	0.743	0.047		mg/dL	0.632	0.491	—	0.772	0.047
	<b>BS-300</b> <sup>7</sup>	μmol/L	10.5	8.1	—	12.9	0.8	<b>BS-620M</b> <sup>17</sup>	μmol/L	10.8	8.4	—	13.2	0.8
		mg/dL	0.614	0.474	—	0.754	0.047		mg/dL	0.632	0.491	—	0.772	0.047
	<b>BS-330</b> <sup>8</sup>	μmol/L	10.7	8.3	—	13.1	0.8	<b>BS-800</b> <sup>18</sup>	μmol/L	10.5	8.1	—	12.9	0.8
		mg/dL	0.626	0.485	—	0.766	0.047		mg/dL	0.614	0.474	—	0.754	0.047
	<b>BS-330E</b> <sup>9</sup>	μmol/L	10.8	8.4	—	13.2	0.8	<b>BS-2000</b> <sup>19</sup>	μmol/L	10.5	8.1	—	12.9	0.8
		mg/dL	0.632	0.491	—	0.772	0.047		mg/dL	0.614	0.474	—	0.754	0.047
	<b>BS-360E</b> <sup>10</sup>	μmol/L	10.6	8.2	—	13.0	0.8	<b>BS-2800M</b> <sup>20</sup>	μmol/L	10.7	8.3	—	13.1	0.8
		mg/dL	0.620	0.480	—	0.760	0.047		mg/dL	0.626	0.485	—	0.766	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>	BS-120 <sup>1</sup>	μmol/L	17.5	13.6 — 21.4	1.3	BS-380 <sup>11</sup>	μmol/L	17.3	13.4 — 21.2	1.3
		mg/dL	1.02	0.80 — 1.25	0.08		mg/dL	1.01	0.78 — 1.24	0.08
	BS-180 <sup>2</sup>	μmol/L	17.5	13.6 — 21.4	1.3	BS-400 <sup>12</sup>	μmol/L	17.3	13.4 — 21.2	1.3
		mg/dL	1.02	0.80 — 1.25	0.08		mg/dL	1.01	0.78 — 1.24	0.08
	BS-200 <sup>3</sup>	μmol/L	17.5	13.6 — 21.4	1.3	BS-430 <sup>13</sup>	μmol/L	18.2	14.1 — 22.3	1.4
		mg/dL	1.02	0.80 — 1.25	0.08		mg/dL	1.06	0.82 — 1.30	0.08
	BS-200E <sup>4</sup>	μmol/L	17.3	13.4 — 21.2	1.3	BS-480 <sup>14</sup>	μmol/L	17.5	13.6 — 21.4	1.3
		mg/dL	1.01	0.78 — 1.24	0.08		mg/dL	1.02	0.80 — 1.25	0.08
	BS-230 <sup>5</sup>	μmol/L	17.3	13.4 — 21.2	1.3	BS-600 <sup>15</sup>	μmol/L	18.2	14.1 — 22.3	1.4
		mg/dL	1.01	0.78 — 1.24	0.08		mg/dL	1.06	0.82 — 1.30	0.08
	BS-240E <sup>6</sup>	μmol/L	17.5	13.6 — 21.4	1.3	BS-600M <sup>16</sup>	μmol/L	18.0	14.0 — 22.1	1.4
		mg/dL	1.02	0.80 — 1.25	0.08		mg/dL	1.05	0.82 — 1.29	0.08
	BS-300 <sup>7</sup>	μmol/L	17.3	13.4 — 21.2	1.3	BS-620M <sup>17</sup>	μmol/L	18.0	14.0 — 22.1	1.4
		mg/dL	1.01	0.78 — 1.24	0.08		mg/dL	1.05	0.82 — 1.29	0.08
	BS-330 <sup>8</sup>	μmol/L	17.5	13.6 — 21.4	1.3	BS-800 <sup>18</sup>	μmol/L	18.2	14.1 — 22.3	1.4
		mg/dL	1.02	0.80 — 1.25	0.08		mg/dL	1.06	0.82 — 1.30	0.08
	BS-330E <sup>9</sup>	μmol/L	17.3	13.4 — 21.2	1.3	BS-2000 <sup>19</sup>	μmol/L	18.1	14.0 — 22.2	1.4
		mg/dL	1.01	0.78 — 1.24	0.08		mg/dL	1.06	0.82 — 1.30	0.08
	BS-360E <sup>10</sup>	μmol/L	18.2	14.1 — 22.3	1.4	BS-2800M <sup>20</sup>	μmol/L	18.0	14.0 — 22.1	1.4
		mg/dL	1.06	0.82 — 1.30	0.08		mg/dL	1.05	0.82 — 1.29	0.08
<b>Bil-T (VOX)</b>	BS-120 <sup>1</sup>	μmol/L	16.2	12.6 — 19.8	1.2	BS-380 <sup>11</sup>	μmol/L	15.9	12.3 — 19.5	1.2
		mg/dL	0.947	0.737 — 1.158	0.070		mg/dL	0.930	0.719 — 1.140	0.070
	BS-180 <sup>2</sup>	μmol/L	16.2	12.6 — 19.8	1.2	BS-400 <sup>12</sup>	μmol/L	15.9	12.3 — 19.5	1.2
		mg/dL	0.947	0.737 — 1.158	0.070		mg/dL	0.930	0.719 — 1.140	0.070
	BS-200 <sup>3</sup>	μmol/L	16.2	12.6 — 19.8	1.2	BS-430 <sup>13</sup>	μmol/L	16.0	12.4 — 19.6	1.2
		mg/dL	0.947	0.737 — 1.158	0.070		mg/dL	0.936	0.725 — 1.146	0.070
	BS-200E <sup>4</sup>	μmol/L	15.9	12.3 — 19.5	1.2	BS-480 <sup>14</sup>	μmol/L	16.0	12.4 — 19.6	1.2
		mg/dL	0.930	0.719 — 1.140	0.070		mg/dL	0.936	0.725 — 1.146	0.070
	BS-230 <sup>5</sup>	μmol/L	16.2	12.6 — 19.8	1.2	BS-600 <sup>15</sup>	μmol/L	16.0	12.4 — 19.6	1.2
		mg/dL	0.947	0.737 — 1.158	0.070		mg/dL	0.936	0.725 — 1.146	0.070
	BS-240E <sup>6</sup>	μmol/L	16.0	12.4 — 19.6	1.2	BS-600M <sup>16</sup>	μmol/L	16.1	12.5 — 19.7	1.2
		mg/dL	0.936	0.725 — 1.146	0.070		mg/dL	0.942	0.731 — 1.152	0.070
	BS-300 <sup>7</sup>	μmol/L	15.9	12.3 — 19.5	1.2	BS-620M <sup>17</sup>	μmol/L	16.1	12.5 — 19.7	1.2
		mg/dL	0.930	0.719 — 1.140	0.070		mg/dL	0.942	0.731 — 1.152	0.070
	BS-330 <sup>8</sup>	μmol/L	16.2	12.6 — 19.8	1.2	BS-800 <sup>18</sup>	μmol/L	16.0	12.4 — 19.6	1.2
		mg/dL	0.947	0.737 — 1.158	0.070		mg/dL	0.936	0.725 — 1.146	0.070
	BS-330E <sup>9</sup>	μmol/L	15.9	12.3 — 19.5	1.2	BS-2000 <sup>19</sup>	μmol/L	16.0	12.4 — 19.6	1.2
		mg/dL	0.930	0.719 — 1.140	0.070		mg/dL	0.936	0.725 — 1.146	0.070
	BS-360E <sup>10</sup>	μmol/L	16.0	12.4 — 19.6	1.2	BS-2800M <sup>20</sup>	μmol/L	16.1	12.5 — 19.7	1.2
		mg/dL	0.936	0.725 — 1.146	0.070		mg/dL	0.942	0.731 — 1.152	0.070
<b>Ca</b>	BS-120 <sup>1</sup>	mmol/L	2.16	1.91 — 2.41	0.08	BS-380 <sup>11</sup>	mmol/L	2.21	1.96 — 2.46	0.08
		mg/dL	8.66	7.66 — 9.66	0.32		mg/dL	8.86	7.86 — 9.86	0.32
	BS-180 <sup>2</sup>	mmol/L	2.16	1.91 — 2.41	0.08	BS-400 <sup>12</sup>	mmol/L	2.21	1.96 — 2.46	0.08
		mg/dL	8.66	7.66 — 9.66	0.32		mg/dL	8.86	7.86 — 9.86	0.32
	BS-200 <sup>3</sup>	mmol/L	2.21	1.96 — 2.46	0.08	BS-430 <sup>13</sup>	mmol/L	2.17	1.92 — 2.42	0.08
		mg/dL	8.86	7.86 — 9.86	0.32		mg/dL	8.70	7.70 — 9.70	0.32
	BS-200E <sup>4</sup>	mmol/L	2.15	1.90 — 2.40	0.08	BS-480 <sup>14</sup>	mmol/L	2.14	1.90 — 2.38	0.08
		mg/dL	8.62	7.62 — 9.62	0.32		mg/dL	8.58	7.62 — 9.54	0.32
	BS-230 <sup>5</sup>	mmol/L	2.20	1.95 — 2.45	0.08	BS-600 <sup>15</sup>	mmol/L	2.16	1.91 — 2.41	0.08
		mg/dL	8.82	7.82 — 9.82	0.32		mg/dL	8.66	7.66 — 9.66	0.32
	BS-240E <sup>6</sup>	mmol/L	2.10	1.86 — 2.34	0.08	BS-600M <sup>16</sup>	mmol/L	2.15	1.90 — 2.40	0.08
		mg/dL	8.42	7.46 — 9.38	0.32		mg/dL	8.62	7.62 — 9.62	0.32
	BS-300 <sup>7</sup>	mmol/L	2.15	1.90 — 2.40	0.08	BS-620M <sup>17</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
	BS-330 <sup>8</sup>	mmol/L	2.21	1.96 — 2.46	0.08	BS-800 <sup>18</sup>	mmol/L	2.17	1.92 — 2.42	0.08
		mg/dL	8.86	7.86 — 9.86	0.32		mg/dL	8.70	7.70 — 9.70	0.32
	BS-330E <sup>9</sup>	mmol/L	2.15	1.90 — 2.40	0.08	BS-2000 <sup>19</sup>	mmol/L	2.17	1.92 — 2.42	0.08
		mg/dL	8.62	7.62 — 9.62	0.32		mg/dL	8.70	7.70 — 9.70	0.32
	BS-360E <sup>10</sup>	mmol/L	2.14	1.90 — 2.38	0.08	BS-2800M <sup>20</sup>	mmol/L	2.13	1.89 — 2.37	0.08
		mg/dL	8.58	7.62 — 9.54	0.32		mg/dL	8.54	7.58 — 9.50	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	2.75	2.38	—	3.12	0.12	BS-380 <sup>11</sup>	mmol/L	2.68	2.32	—	3.04	0.12
		mg/dL	106	92	—	121	5		mg/dL	104	90	—	118	5
	BS-180 <sup>2</sup>	mmol/L	2.75	2.38	—	3.12	0.12	BS-400 <sup>12</sup>	mmol/L	2.68	2.32	—	3.04	0.12
		mg/dL	106	92	—	121	5		mg/dL	104	90	—	118	5
	BS-200 <sup>3</sup>	mmol/L	2.72	2.35	—	3.09	0.12	BS-430 <sup>13</sup>	mmol/L	2.75	2.38	—	3.12	0.12
		mg/dL	105	91	—	119	5		mg/dL	106	92	—	121	5
	BS-200E <sup>4</sup>	mmol/L	2.68	2.32	—	3.04	0.12	BS-480 <sup>14</sup>	mmol/L	2.75	2.38	—	3.12	0.12
		mg/dL	104	90	—	118	5		mg/dL	106	92	—	121	5
	BS-230 <sup>5</sup>	mmol/L	2.77	2.40	—	3.14	0.12	BS-600 <sup>15</sup>	mmol/L	2.75	2.38	—	3.12	0.12
		mg/dL	107	93	—	121	5		mg/dL	106	92	—	121	5
	BS-240E <sup>6</sup>	mmol/L	2.69	2.33	—	3.05	0.12	BS-600M <sup>16</sup>	mmol/L	2.67	2.31	—	3.03	0.12
		mg/dL	104	90	—	118	5		mg/dL	103	89	—	117	5
	BS-300 <sup>7</sup>	mmol/L	2.76	2.39	—	3.13	0.12	BS-620M <sup>17</sup>	mmol/L	2.67	2.31	—	3.03	0.12
		mg/dL	107	92	—	121	5		mg/dL	103	89	—	117	5
	BS-330 <sup>8</sup>	mmol/L	2.72	2.35	—	3.09	0.12	BS-800 <sup>18</sup>	mmol/L	2.75	2.38	—	3.12	0.12
		mg/dL	105	91	—	119	5		mg/dL	106	92	—	121	5
	BS-330E <sup>9</sup>	mmol/L	2.68	2.32	—	3.04	0.12	BS-2000 <sup>19</sup>	mmol/L	2.69	2.33	—	3.05	0.12
		mg/dL	104	90	—	118	5		mg/dL	104	90	—	118	5
	BS-360E <sup>10</sup>	mmol/L	2.70	2.34	—	3.06	0.12	BS-2800M <sup>20</sup>	mmol/L	2.67	2.31	—	3.03	0.12
		mg/dL	104	90	—	118	5		mg/dL	103	89	—	117	5
HDL-C	BS-120 <sup>1</sup>	mmol/L	0.864	0.670	—	1.058	0.065	BS-380 <sup>11</sup>	mmol/L	0.864	0.670	—	1.058	0.065
		mg/dL	33.4	25.9	—	40.9	2.5		mg/dL	33.4	25.9	—	40.9	2.5
	BS-180 <sup>2</sup>	mmol/L	0.864	0.670	—	1.058	0.065	BS-400 <sup>12</sup>	mmol/L	0.868	0.673	—	1.063	0.065
		mg/dL	33.4	25.9	—	40.9	2.5		mg/dL	33.6	26.0	—	41.1	2.5
	BS-200 <sup>3</sup>	mmol/L	0.863	0.669	—	1.057	0.065	BS-430 <sup>13</sup>	mmol/L	0.855	0.663	—	1.047	0.064
		mg/dL	33.4	25.9	—	40.9	2.5		mg/dL	33.1	25.6	—	40.5	2.5
	BS-200E <sup>4</sup>	mmol/L	0.847	0.656	—	1.038	0.064	BS-480 <sup>14</sup>	mmol/L	0.878	0.680	—	1.076	0.066
		mg/dL	32.7	25.4	—	40.1	2.5		mg/dL	33.9	26.3	—	41.6	2.6
	BS-230 <sup>5</sup>	mmol/L	0.833	0.646	—	1.020	0.062	BS-600 <sup>15</sup>	mmol/L	0.872	0.676	—	1.068	0.065
		mg/dL	32.2	25.0	—	39.4	2.4		mg/dL	33.7	26.1	—	41.3	2.5
	BS-240E <sup>6</sup>	mmol/L	0.816	0.632	—	1.000	0.061	BS-600M <sup>16</sup>	mmol/L	0.868	0.673	—	1.063	0.065
		mg/dL	31.5	24.4	—	38.7	2.4		mg/dL	33.6	26.0	—	41.1	2.5
	BS-300 <sup>7</sup>	mmol/L	0.852	0.660	—	1.044	0.064	BS-620M <sup>17</sup>	mmol/L	0.868	0.673	—	1.063	0.065
		mg/dL	32.9	25.5	—	40.4	2.5		mg/dL	33.6	26.0	—	41.1	2.5
	BS-330 <sup>8</sup>	mmol/L	0.863	0.669	—	1.057	0.065	BS-800 <sup>18</sup>	mmol/L	0.883	0.684	—	1.082	0.066
		mg/dL	33.4	25.9	—	40.9	2.5		mg/dL	34.1	26.4	—	41.8	2.6
	BS-330E <sup>9</sup>	mmol/L	0.847	0.656	—	1.038	0.064	BS-2000 <sup>19</sup>	mmol/L	0.891	0.691	—	1.091	0.067
		mg/dL	32.7	25.4	—	40.1	2.5		mg/dL	34.4	26.7	—	42.2	2.6
	BS-360E <sup>10</sup>	mmol/L	0.845	0.655	—	1.035	0.063	BS-2800M <sup>20</sup>	mmol/L	0.859	0.666	—	1.052	0.064
		mg/dL	32.7	25.3	—	40.0	2.4		mg/dL	33.2	25.7	—	40.7	2.5
LDL-C	BS-120 <sup>1</sup>	mmol/L	1.70	1.32	—	2.08	0.13	BS-380 <sup>11</sup>	mmol/L	1.68	1.30	—	2.06	0.13
		mg/dL	65.7	51.0	—	80.4	5.0		mg/dL	64.9	50.3	—	79.6	5.0
	BS-180 <sup>2</sup>	mmol/L	1.70	1.32	—	2.08	0.13	BS-400 <sup>12</sup>	mmol/L	1.66	1.29	—	2.03	0.12
		mg/dL	65.7	51.0	—	80.4	5.0		mg/dL	64.2	49.9	—	78.5	4.6
	BS-200 <sup>3</sup>	mmol/L	1.72	1.33	—	2.11	0.13	BS-430 <sup>13</sup>	mmol/L	1.66	1.29	—	2.03	0.12
		mg/dL	66.5	51.4	—	81.6	5.0		mg/dL	64.2	49.9	—	78.5	4.6
	BS-200E <sup>4</sup>	mmol/L	1.65	1.28	—	2.02	0.12	BS-480 <sup>14</sup>	mmol/L	1.68	1.30	—	2.06	0.13
		mg/dL	63.8	49.5	—	78.1	4.6		mg/dL	64.9	50.3	—	79.6	5.0
	BS-230 <sup>5</sup>	mmol/L	1.67	1.29	—	2.05	0.13	BS-600 <sup>15</sup>	mmol/L	1.66	1.29	—	2.03	0.12
		mg/dL	64.6	49.9	—	79.3	5.0		mg/dL	64.2	49.9	—	78.5	4.6
	BS-240E <sup>6</sup>	mmol/L	1.64	1.27	—	2.01	0.12	BS-600M <sup>16</sup>	mmol/L	1.66	1.29	—	2.03	0.12
		mg/dL	63.4	49.1	—	77.7	4.6		mg/dL	64.2	49.9	—	78.5	4.6
	BS-300 <sup>7</sup>	mmol/L	1.68	1.30	—	2.06	0.13	BS-620M <sup>17</sup>	mmol/L	1.66	1.29	—	2.03	0.12
		mg/dL	64.9	50.3	—	79.6	5.0		mg/dL	64.2	49.9	—	78.5	4.6
	BS-330 <sup>8</sup>	mmol/L	1.72	1.33	—	2.11	0.13	BS-800 <sup>18</sup>	mmol/L	1.68	1.30	—	2.06	0.13
		mg/dL	66.5	51.4	—	81.6	5.0		mg/dL	64.9	50.3	—	79.6	5.0
	BS-330E <sup>9</sup>	mmol/L	1.65	1.28	—	2.02	0.12	BS-2000 <sup>19</sup>	mmol/L	1.70	1.32	—	2.08	0.13
		mg/dL	63.8	49.5	—	78.1	4.6		mg/dL	65.7	51.0	—	80.4	5.0
	BS-360E <sup>10</sup>	mmol/L	1.67	1.29	—	2.05	0.13	BS-2800M <sup>20</sup>	mmol/L	1.66	1.29	—	2.03	0.12
		mg/dL	64.6	49.9	—	79.3	5.0		mg/dL	64.2	49.9	—	78.5	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	141	120	—	162	7	<b>BS-380</b> <sup>11</sup>	U/L	140	119	—	161	7
		μkat/L	2.35	2.00	—	2.71	0.12		μkat/L	2.34	1.99	—	2.69	0.12
	<b>BS-180</b> <sup>2</sup>	U/L	141	120	—	162	7	<b>BS-400</b> <sup>12</sup>	U/L	140	119	—	161	7
		μkat/L	2.35	2.00	—	2.71	0.12		μkat/L	2.34	1.99	—	2.69	0.12
	<b>BS-200</b> <sup>3</sup>	U/L	141	120	—	162	7	<b>BS-430</b> <sup>13</sup>	U/L	140	119	—	161	7
		μkat/L	2.35	2.00	—	2.71	0.12		μkat/L	2.34	1.99	—	2.69	0.12
	<b>BS-200E</b> <sup>4</sup>	U/L	135	115	—	155	7	<b>BS-480</b> <sup>14</sup>	U/L	140	119	—	161	7
		μkat/L	2.25	1.92	—	2.59	0.12		μkat/L	2.34	1.99	—	2.69	0.12
	<b>BS-230</b> <sup>5</sup>	U/L	143	122	—	164	7	<b>BS-600</b> <sup>15</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
	<b>BS-240E</b> <sup>6</sup>	U/L	140	119	—	161	7	<b>BS-600M</b> <sup>16</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-300</b> <sup>7</sup>	U/L	140	119	—	161	7	<b>BS-620M</b> <sup>17</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-330</b> <sup>8</sup>	U/L	141	120	—	162	7	<b>BS-800</b> <sup>18</sup>	U/L	140	119	—	161	7
		μkat/L	2.35	2.00	—	2.71	0.12		μkat/L	2.34	1.99	—	2.69	0.12
	<b>BS-330E</b> <sup>9</sup>	U/L	135	115	—	155	7	<b>BS-2000</b> <sup>19</sup>	U/L	139	118	—	160	7
		μkat/L	2.25	1.92	—	2.59	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	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>CK-MB</b>	<b>BS-120</b> <sup>1</sup>	U/L	45.0	34.9	—	55.1	3.4	<b>BS-380</b> <sup>11</sup>	U/L	44.8	34.7	—	54.9	3.4
		μkat/L	0.752	0.583	—	0.920	0.057		μkat/L	0.748	0.579	—	0.917	0.057
	<b>BS-180</b> <sup>2</sup>	U/L	45.0	34.9	—	55.1	3.4	<b>BS-400</b> <sup>12</sup>	U/L	45.2	35.0	—	55.4	3.4
		μkat/L	0.752	0.583	—	0.920	0.057		μkat/L	0.755	0.585	—	0.925	0.057
	<b>BS-200</b> <sup>3</sup>	U/L	44.9	34.8	—	55.0	3.4	<b>BS-430</b> <sup>13</sup>	U/L	44.8	34.7	—	54.9	3.4
		μkat/L	0.750	0.581	—	0.919	0.057		μkat/L	0.748	0.579	—	0.917	0.057
	<b>BS-200E</b> <sup>4</sup>	U/L	44.4	34.4	—	54.4	3.3	<b>BS-480</b> <sup>14</sup>	U/L	44.8	34.7	—	54.9	3.4
		μkat/L	0.741	0.574	—	0.908	0.055		μkat/L	0.748	0.579	—	0.917	0.057
	<b>BS-230</b> <sup>5</sup>	U/L	45.4	35.2	—	55.6	3.4	<b>BS-600</b> <sup>15</sup>	U/L	45.5	35.3	—	55.7	3.4
		μkat/L	0.758	0.588	—	0.929	0.057		μkat/L	0.760	0.590	—	0.930	0.057
	<b>BS-240E</b> <sup>6</sup>	U/L	45.0	34.9	—	55.1	3.4	<b>BS-600M</b> <sup>16</sup>	U/L	45.6	35.3	—	55.9	3.4
		μkat/L	0.752	0.583	—	0.920	0.057		μkat/L	0.762	0.590	—	0.934	0.057
	<b>BS-300</b> <sup>7</sup>	U/L	45.7	35.4	—	56.0	3.4	<b>BS-620M</b> <sup>17</sup>	U/L	45.6	35.3	—	55.9	3.4
		μkat/L	0.763	0.591	—	0.935	0.057		μkat/L	0.762	0.590	—	0.934	0.057
	<b>BS-330</b> <sup>8</sup>	U/L	44.9	34.8	—	55.0	3.4	<b>BS-800</b> <sup>18</sup>	U/L	44.7	34.6	—	54.8	3.4
		μkat/L	0.750	0.581	—	0.919	0.057		μkat/L	0.746	0.578	—	0.915	0.057
	<b>BS-330E</b> <sup>9</sup>	U/L	44.4	34.4	—	54.4	3.3	<b>BS-2000</b> <sup>19</sup>	U/L	43.2	33.5	—	52.9	3.2
		μkat/L	0.741	0.574	—	0.908	0.055		μkat/L	0.721	0.559	—	0.883	0.053
	<b>BS-360E</b> <sup>10</sup>	U/L	44.7	34.6	—	54.8	3.4	<b>BS-2800M</b> <sup>20</sup>	U/L	45.3	35.1	—	55.5	3.4
		μkat/L	0.746	0.578	—	0.915	0.057		μkat/L	0.757	0.586	—	0.927	0.057
<b>Crea (SOX)</b>	<b>BS-120</b> <sup>1</sup>	μmol/L	90.4	76.8	—	104.0	4.5	<b>BS-380</b> <sup>11</sup>	μmol/L	87.1	74.0	—	100.2	4.4
		mg/dL	1.02	0.87	—	1.18	0.05		mg/dL	0.985	0.837	—	1.133	0.050
	<b>BS-180</b> <sup>2</sup>	μmol/L	90.4	76.8	—	104.0	4.5	<b>BS-400</b> <sup>12</sup>	μmol/L	87.5	74.4	—	100.6	4.4
		mg/dL	1.02	0.87	—	1.18	0.05		mg/dL	0.990	0.842	—	1.138	0.050
	<b>BS-200</b> <sup>3</sup>	μmol/L	89.8	76.3	—	103.3	4.5	<b>BS-430</b> <sup>13</sup>	μmol/L	89.6	76.2	—	103.0	4.5
		mg/dL	1.02	0.86	—	1.17	0.05		mg/dL	1.01	0.86	—	1.17	0.05
	<b>BS-200E</b> <sup>4</sup>	μmol/L	86.2	73.3	—	99.1	4.3	<b>BS-480</b> <sup>14</sup>	μmol/L	89.3	75.9	—	102.7	4.5
		mg/dL	0.975	0.829	—	1.121	0.049		mg/dL	1.01	0.86	—	1.16	0.05
	<b>BS-230</b> <sup>5</sup>	μmol/L	89.6	76.2	—	103.0	4.5	<b>BS-600</b> <sup>15</sup>	μmol/L	87.9	74.7	—	101.1	4.4
		mg/dL	1.01	0.86	—	1.17	0.05		mg/dL	0.994	0.845	—	1.144	0.050
	<b>BS-240E</b> <sup>6</sup>	μmol/L	87.4	74.3	—	100.5	4.4	<b>BS-600M</b> <sup>16</sup>	μmol/L	89.0	75.7	—	102.4	4.5
		mg/dL	0.989	0.840	—	1.137	0.050		mg/dL	1.01	0.86	—	1.16	0.05
	<b>BS-300</b> <sup>7</sup>	μmol/L	86.7	73.7	—	99.7	4.3	<b>BS-620M</b> <sup>17</sup>	μmol/L	81.2	69.0	—	93.4	4.1
		mg/dL	0.981	0.834	—	1.128	0.049		mg/dL	0.919	0.781	—	1.057	0.046
	<b>BS-330</b> <sup>8</sup>	μmol/L	89.8	76.3	—	103.3	4.5	<b>BS-800</b> <sup>18</sup>	μmol/L	81.4	69.2	—	93.6	4.1
		mg/dL	1.02	0.86	—	1.17	0.05		mg/dL	0.921	0.783	—	1.059	0.046
	<b>BS-330E</b> <sup>9</sup>	μmol/L	86.2	73.3	—	99.1	4.3	<b>BS-2000</b> <sup>19</sup>	μmol/L	81.1	68.9	—	93.3	4.1
		mg/dL	0.975	0.829	—	1.121	0.049		mg/dL	0.917	0.779	—	1.055	0.046
	<b>BS-360E</b> <sup>10</sup>	μmol/L	87.7	74.5	—	100.9	4.4	<b>BS-2800M</b> <sup>20</sup>	μmol/L	81.2	69.0	—	93.4	4.1
		mg/dL	0.992	0.843	—	1.141	0.050		mg/dL	0.919	0.781	—	1.057	0.046

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	91.4	77.7	—	105.1	4.6	BS-380 <sup>11</sup>	μmol/L	90.3	76.8	—	103.8	4.5
		mg/dL	1.03	0.88	—	1.19	0.05		mg/dL	1.02	0.87	—	1.17	0.05
	BS-180 <sup>2</sup>	μmol/L	91.4	77.7	—	105.1	4.6	BS-400 <sup>12</sup>	μmol/L	90.3	76.8	—	103.8	4.5
		mg/dL	1.03	0.88	—	1.19	0.05		mg/dL	1.02	0.87	—	1.17	0.05
	BS-200 <sup>3</sup>	μmol/L	91.7	77.9	—	105.5	4.6	BS-430 <sup>13</sup>	μmol/L	91.2	77.5	—	104.9	4.6
		mg/dL	1.04	0.88	—	1.19	0.05		mg/dL	1.03	0.88	—	1.19	0.05
	BS-200E <sup>4</sup>	μmol/L	89.6	76.2	—	103.0	4.5	BS-480 <sup>14</sup>	μmol/L	91.7	77.9	—	105.5	4.6
		mg/dL	1.01	0.86	—	1.17	0.05		mg/dL	1.04	0.88	—	1.19	0.05
	BS-230 <sup>5</sup>	μmol/L	93.5	79.5	—	107.5	4.7	BS-600 <sup>15</sup>	μmol/L	89.9	76.4	—	103.4	4.5
		mg/dL	1.06	0.90	—	1.22	0.05		mg/dL	1.02	0.86	—	1.17	0.05
	BS-240E <sup>6</sup>	μmol/L	90.1	76.6	—	103.6	4.5	BS-600M <sup>16</sup>	μmol/L	91.6	77.9	—	105.3	4.6
		mg/dL	1.02	0.87	—	1.17	0.05		mg/dL	1.04	0.88	—	1.19	0.05
	BS-300 <sup>7</sup>	μmol/L	91.2	77.5	—	104.9	4.6	BS-620M <sup>17</sup>	μmol/L	81.2	69.0	—	93.4	4.1
		mg/dL	1.03	0.88	—	1.19	0.05		mg/dL	0.919	0.781	—	1.057	0.046
	BS-330 <sup>8</sup>	μmol/L	91.7	77.9	—	105.5	4.6	BS-800 <sup>18</sup>	μmol/L	81.4	69.2	—	93.6	4.1
		mg/dL	1.04	0.88	—	1.19	0.05		mg/dL	0.921	0.783	—	1.059	0.046
	BS-330E <sup>9</sup>	μmol/L	89.6	76.2	—	103.0	4.5	BS-2000 <sup>19</sup>	μmol/L	81.1	68.9	—	93.3	4.1
		mg/dL	1.01	0.86	—	1.17	0.05		mg/dL	0.917	0.779	—	1.055	0.046
	BS-360E <sup>10</sup>	μmol/L	90.6	77.0	—	104.2	4.5	BS-2800M <sup>20</sup>	μmol/L	81.2	69.0	—	93.4	4.1
		mg/dL	1.02	0.87	—	1.18	0.05		mg/dL	0.919	0.781	—	1.057	0.046
<b>GLU (GOD)</b>	BS-120 <sup>1</sup>	mmol/L	5.59	4.75	—	6.43	0.28	BS-380 <sup>11</sup>	mmol/L	5.58	4.74	—	6.42	0.28
		mg/dL	101	86	—	116	5		mg/dL	101	85	—	116	5
	BS-180 <sup>2</sup>	mmol/L	5.59	4.75	—	6.43	0.28	BS-400 <sup>12</sup>	mmol/L	5.62	4.78	—	6.46	0.28
		mg/dL	101	86	—	116	5		mg/dL	101	86	—	116	5
	BS-200 <sup>3</sup>	mmol/L	5.63	4.79	—	6.47	0.28	BS-430 <sup>13</sup>	mmol/L	5.60	4.76	—	6.44	0.28
		mg/dL	101	86	—	117	5		mg/dL	101	86	—	116	5
	BS-200E <sup>4</sup>	mmol/L	5.48	4.66	—	6.30	0.27	BS-480 <sup>14</sup>	mmol/L	5.62	4.78	—	6.46	0.28
		mg/dL	98.7	84.0	—	113.5	4.9		mg/dL	101	86	—	116	5
	BS-230 <sup>5</sup>	mmol/L	5.69	4.84	—	6.54	0.28	BS-600 <sup>15</sup>	mmol/L	5.63	4.79	—	6.47	0.28
		mg/dL	103	87	—	118	5		mg/dL	101	86	—	117	5
	BS-240E <sup>6</sup>	mmol/L	5.56	4.73	—	6.39	0.28	BS-600M <sup>16</sup>	mmol/L	5.62	4.78	—	6.46	0.28
		mg/dL	100	85	—	115	5		mg/dL	101	86	—	116	5
	BS-300 <sup>7</sup>	mmol/L	5.62	4.78	—	6.46	0.28	BS-620M <sup>17</sup>	mmol/L	5.62	4.78	—	6.46	0.28
		mg/dL	101	86	—	116	5		mg/dL	101	86	—	116	5
	BS-330 <sup>8</sup>	mmol/L	5.63	4.79	—	6.47	0.28	BS-800 <sup>18</sup>	mmol/L	5.57	4.73	—	6.41	0.28
		mg/dL	101	86	—	117	5		mg/dL	100	85	—	115	5
	BS-330E <sup>9</sup>	mmol/L	5.48	4.66	—	6.30	0.27	BS-2000 <sup>19</sup>	mmol/L	5.59	4.75	—	6.43	0.28
		mg/dL	98.7	84.0	—	113.5	4.9		mg/dL	101	86	—	116	5
	BS-360E <sup>10</sup>	mmol/L	5.57	4.73	—	6.41	0.28	BS-2800M <sup>20</sup>	mmol/L	5.62	4.78	—	6.46	0.28
		mg/dL	100	85	—	115	5		mg/dL	101	86	—	116	5
<b>GLU (HK)</b>	BS-120 <sup>1</sup>	mmol/L	5.74	4.88	—	6.60	0.29	BS-380 <sup>11</sup>	mmol/L	5.72	4.86	—	6.58	0.29
		mg/dL	103	88	—	119	5		mg/dL	103	88	—	119	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	5.73	4.87	—	6.59	0.29	BS-430 <sup>13</sup>	mmol/L	5.64	4.79	—	6.49	0.28
		mg/dL	103	88	—	119	5		mg/dL	102	86	—	117	5
	BS-200E <sup>4</sup>	mmol/L	5.63	4.79	—	6.47	0.28	BS-480 <sup>14</sup>	mmol/L	5.58	4.74	—	6.42	0.28
		mg/dL	101	86	—	117	5		mg/dL	101	85	—	116	5
	BS-230 <sup>5</sup>	mmol/L	5.71	4.85	—	6.57	0.29	BS-600 <sup>15</sup>	mmol/L	5.57	4.73	—	6.41	0.28
		mg/dL	103	87	—	118	5		mg/dL	100	85	—	115	5
	BS-240E <sup>6</sup>	mmol/L	5.52	4.69	—	6.35	0.28	BS-600M <sup>16</sup>	mmol/L	5.63	4.79	—	6.47	0.28
		mg/dL	99.5	84.5	—	114.4	5.0		mg/dL	101	86	—	117	5
	BS-300 <sup>7</sup>	mmol/L	5.69	4.84	—	6.54	0.28	BS-620M <sup>17</sup>	mmol/L	5.63	4.79	—	6.47	0.28
		mg/dL	103	87	—	118	5		mg/dL	101	86	—	117	5
	BS-330 <sup>8</sup>	mmol/L	5.73	4.87	—	6.59	0.29	BS-800 <sup>18</sup>	mmol/L	5.64	4.79	—	6.49	0.28
		mg/dL	103	88	—	119	5		mg/dL	102	86	—	117	5
	BS-330E <sup>9</sup>	mmol/L	5.63	4.79	—	6.47	0.28	BS-2000 <sup>19</sup>	mmol/L	5.71	4.85	—	6.57	0.29
		mg/dL	101	86	—	117	5		mg/dL	103	87	—	118	5
	BS-360E <sup>10</sup>	mmol/L	5.53	4.70	—	6.36	0.28	BS-2800M <sup>20</sup>	mmol/L	5.68	4.83	—	6.53	0.28
		mg/dL	99.6	84.7	—	114.6	5.0		mg/dL	102	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	63.1	53.6	—	72.6	3.2	<b>BS-380</b> <sup>11</sup>	U/L	63.2	53.7	—	72.7	3.2
		μkat/L	1.05	0.90	—	1.21	0.05		μkat/L	1.06	0.90	—	1.21	0.05
	<b>BS-180</b> <sup>2</sup>	U/L	63.1	53.6	—	72.6	3.2	<b>BS-400</b> <sup>12</sup>	U/L	63.2	53.7	—	72.7	3.2
		μkat/L	1.05	0.90	—	1.21	0.05		μkat/L	1.06	0.90	—	1.21	0.05
	<b>BS-200</b> <sup>3</sup>	U/L	63.1	53.6	—	72.6	3.2	<b>BS-430</b> <sup>13</sup>	U/L	62.6	53.2	—	72.0	3.1
		μkat/L	1.05	0.90	—	1.21	0.05		μkat/L	1.05	0.89	—	1.20	0.05
	<b>BS-200E</b> <sup>4</sup>	U/L	61.8	52.5	—	71.1	3.1	<b>BS-480</b> <sup>14</sup>	U/L	62.6	53.2	—	72.0	3.1
		μkat/L	1.03	0.88	—	1.19	0.05		μkat/L	1.05	0.89	—	1.20	0.05
	<b>BS-230</b> <sup>5</sup>	U/L	62.6	53.2	—	72.0	3.1	<b>BS-600</b> <sup>15</sup>	U/L	62.6	53.2	—	72.0	3.1
		μkat/L	1.05	0.89	—	1.20	0.05		μkat/L	1.05	0.89	—	1.20	0.05
	<b>BS-240E</b> <sup>6</sup>	U/L	62.1	52.8	—	71.4	3.1	<b>BS-600M</b> <sup>16</sup>	U/L	62.3	53.0	—	71.6	3.1
		μkat/L	1.04	0.88	—	1.19	0.05		μkat/L	1.04	0.89	—	1.20	0.05
	<b>BS-300</b> <sup>7</sup>	U/L	63.2	53.7	—	72.7	3.2	<b>BS-620M</b> <sup>17</sup>	U/L	62.3	53.0	—	71.6	3.1
		μkat/L	1.06	0.90	—	1.21	0.05		μkat/L	1.04	0.89	—	1.20	0.05
	<b>BS-330</b> <sup>8</sup>	U/L	63.1	53.6	—	72.6	3.2	<b>BS-800</b> <sup>18</sup>	U/L	62.6	53.2	—	72.0	3.1
		μkat/L	1.05	0.90	—	1.21	0.05		μkat/L	1.05	0.89	—	1.20	0.05
	<b>BS-330E</b> <sup>9</sup>	U/L	61.8	52.5	—	71.1	3.1	<b>BS-2000</b> <sup>19</sup>	U/L	61.9	52.6	—	71.2	3.1
		μkat/L	1.03	0.88	—	1.19	0.05		μkat/L	1.03	0.88	—	1.19	0.05
	<b>BS-360E</b> <sup>10</sup>	U/L	63.0	53.6	—	72.5	3.2	<b>BS-2800M</b> <sup>20</sup>	U/L	62.3	53.0	—	71.6	3.1
		μkat/L	1.05	0.90	—	1.21	0.05		μkat/L	1.04	0.89	—	1.20	0.05
<b>α-HBDH</b>	<b>BS-120</b> <sup>1</sup>	U/L	168	143	—	193	8	<b>BS-380</b> <sup>11</sup>	U/L	170	145	—	196	9
		μkat/L	2.81	2.39	—	3.22	0.13		μkat/L	2.84	2.42	—	3.27	0.15
	<b>BS-180</b> <sup>2</sup>	U/L	168	143	—	193	8	<b>BS-400</b> <sup>12</sup>	U/L	170	145	—	196	9
		μkat/L	2.81	2.39	—	3.22	0.13		μkat/L	2.84	2.42	—	3.27	0.15
	<b>BS-200</b> <sup>3</sup>	U/L	173	147	—	199	9	<b>BS-430</b> <sup>13</sup>	U/L	170	145	—	196	9
		μkat/L	2.89	2.45	—	3.32	0.15		μkat/L	2.84	2.42	—	3.27	0.15
	<b>BS-200E</b> <sup>4</sup>	U/L	170	145	—	196	9	<b>BS-480</b> <sup>14</sup>	U/L	170	145	—	196	9
		μkat/L	2.84	2.42	—	3.27	0.15		μkat/L	2.84	2.42	—	3.27	0.15
	<b>BS-230</b> <sup>5</sup>	U/L	166	141	—	191	8	<b>BS-600</b> <sup>15</sup>	U/L	170	145	—	196	9
		μkat/L	2.77	2.35	—	3.19	0.13		μkat/L	2.84	2.42	—	3.27	0.15
	<b>BS-240E</b> <sup>6</sup>	U/L	170	145	—	196	9	<b>BS-600M</b> <sup>16</sup>	U/L	170	145	—	196	9
		μkat/L	2.84	2.42	—	3.27	0.15		μkat/L	2.84	2.42	—	3.27	0.15
	<b>BS-300</b> <sup>7</sup>	U/L	170	145	—	196	9	<b>BS-620M</b> <sup>17</sup>	U/L	170	145	—	196	9
		μkat/L	2.84	2.42	—	3.27	0.15		μkat/L	2.84	2.42	—	3.27	0.15
	<b>BS-330</b> <sup>8</sup>	U/L	173	147	—	199	9	<b>BS-800</b> <sup>18</sup>	U/L	170	145	—	196	9
		μkat/L	2.89	2.45	—	3.32	0.15		μkat/L	2.84	2.42	—	3.27	0.15
	<b>BS-330E</b> <sup>9</sup>	U/L	170	145	—	196	9	<b>BS-2000</b> <sup>19</sup>	U/L	172	146	—	198	9
		μkat/L	2.84	2.42	—	3.27	0.15		μkat/L	2.87	2.44	—	3.31	0.15
	<b>BS-360E</b> <sup>10</sup>	U/L	170	145	—	196	9	<b>BS-2800M</b> <sup>20</sup>	U/L	170	145	—	196	9
		μkat/L	2.84	2.42	—	3.27	0.15		μkat/L	2.84	2.42	—	3.27	0.15
<b>ApoA1</b>	<b>BS-120</b> <sup>1</sup>	g/L	1.26	0.98	—	1.54	0.09	<b>BS-380</b> <sup>11</sup>	g/L	1.24	0.96	—	1.52	0.09
		μmol/L	45.0	35.0	—	55.0	3.2		μmol/L	44.3	34.3	—	54.3	3.2
	<b>BS-180</b> <sup>2</sup>	g/L	1.26	0.98	—	1.54	0.09	<b>BS-400</b> <sup>12</sup>	g/L	1.27	0.98	—	1.56	0.10
		μmol/L	45.0	35.0	—	55.0	3.2		μmol/L	45.3	35.0	—	55.7	3.6
	<b>BS-200</b> <sup>3</sup>	g/L	1.30	1.01	—	1.59	0.10	<b>BS-430</b> <sup>13</sup>	g/L	1.25	0.97	—	1.53	0.09
		μmol/L	46.4	36.1	—	56.8	3.6		μmol/L	44.6	34.6	—	54.6	3.2
	<b>BS-200E</b> <sup>4</sup>	g/L	1.34	1.04	—	1.64	0.10	<b>BS-480</b> <sup>14</sup>	g/L	1.27	0.98	—	1.56	0.10
		μmol/L	47.8	37.1	—	58.5	3.6		μmol/L	45.3	35.0	—	55.7	3.6
	<b>BS-230</b> <sup>5</sup>	g/L	1.26	0.98	—	1.54	0.09	<b>BS-600</b> <sup>15</sup>	g/L	1.22	0.95	—	1.49	0.09
		μmol/L	45.0	35.0	—	55.0	3.2		μmol/L	43.6	33.9	—	53.2	3.2
	<b>BS-240E</b> <sup>6</sup>	g/L	1.27	0.98	—	1.56	0.10	<b>BS-600M</b> <sup>16</sup>	g/L	1.24	0.96	—	1.52	0.09
		μmol/L	45.3	35.0	—	55.7	3.6		μmol/L	44.3	34.3	—	54.3	3.2
	<b>BS-300</b> <sup>7</sup>	g/L	1.28	0.99	—	1.57	0.10	<b>BS-620M</b> <sup>17</sup>	g/L	1.24	0.96	—	1.52	0.09
		μmol/L	45.7	35.3	—	56.0	3.6		μmol/L	44.3	34.3	—	54.3	3.2
	<b>BS-330</b> <sup>8</sup>	g/L	1.30	1.01	—	1.59	0.10	<b>BS-800</b> <sup>18</sup>	g/L	1.23	0.95	—	1.51	0.09
		μmol/L	46.4	36.1	—	56.8	3.6		μmol/L	43.9	33.9	—	53.9	3.2
	<b>BS-330E</b> <sup>9</sup>	g/L	1.34	1.04	—	1.64	0.10	<b>BS-2000</b> <sup>19</sup>	g/L	1.25	0.97	—	1.53	0.09
		μmol/L	47.8	37.1	—	58.5	3.6		μmol/L	44.6	34.6	—	54.6	3.2
	<b>BS-360E</b> <sup>10</sup>	g/L	1.29	1.00	—	1.58	0.10	<b>BS-2800M</b> <sup>20</sup>	g/L	1.24	0.96	—	1.52	0.09
		μmol/L	46.1	35.7	—	56.4	3.6		μmol/L	44.3	34.3	—	54.3	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	<b>BS-120</b> <sup>1</sup>	g/L	0.553	0.429	—	0.677	0.041	<b>BS-380</b> <sup>11</sup>	g/L	0.559	0.433	—	0.685	0.042
		μmol/L	1.08	0.84	—	1.32	0.08		μmol/L	1.09	0.84	—	1.34	0.08
	<b>BS-180</b> <sup>2</sup>	g/L	0.553	0.429	—	0.677	0.041	<b>BS-400</b> <sup>12</sup>	g/L	0.556	0.431	—	0.681	0.042
		μmol/L	1.08	0.84	—	1.32	0.08		μmol/L	1.08	0.84	—	1.33	0.08
	<b>BS-200</b> <sup>3</sup>	g/L	0.550	0.426	—	0.674	0.041	<b>BS-430</b> <sup>13</sup>	g/L	0.557	0.432	—	0.682	0.042
		μmol/L	1.07	0.83	—	1.31	0.08		μmol/L	1.09	0.84	—	1.33	0.08
	<b>BS-200E</b> <sup>4</sup>	g/L	0.537	0.416	—	0.658	0.040	<b>BS-480</b> <sup>14</sup>	g/L	0.562	0.436	—	0.688	0.042
		μmol/L	1.05	0.81	—	1.28	0.08		μmol/L	1.10	0.85	—	1.34	0.08
	<b>BS-230</b> <sup>5</sup>	g/L	0.525	0.407	—	0.643	0.039	<b>BS-600</b> <sup>15</sup>	g/L	0.548	0.425	—	0.671	0.041
		μmol/L	1.02	0.79	—	1.25	0.08		μmol/L	1.07	0.83	—	1.31	0.08
<b>BS-240E</b> <sup>6</sup>	g/L	0.545	0.422	—	0.668	0.041	<b>BS-600M</b> <sup>16</sup>	g/L	0.515	0.399	—	0.631	0.039	
	μmol/L	1.06	0.82	—	1.30	0.08		μmol/L	1.00	0.78	—	1.23	0.08	
<b>BS-300</b> <sup>7</sup>	g/L	0.539	0.418	—	0.660	0.040	<b>BS-620M</b> <sup>17</sup>	g/L	0.515	0.399	—	0.631	0.039	
	μmol/L	1.05	0.82	—	1.29	0.08		μmol/L	1.00	0.78	—	1.23	0.08	
<b>BS-330</b> <sup>8</sup>	g/L	0.550	0.426	—	0.674	0.041	<b>BS-800</b> <sup>18</sup>	g/L	0.557	0.432	—	0.682	0.042	
	μmol/L	1.07	0.83	—	1.31	0.08		μmol/L	1.09	0.84	—	1.33	0.08	
<b>BS-330E</b> <sup>9</sup>	g/L	0.537	0.416	—	0.658	0.040	<b>BS-2000</b> <sup>19</sup>	g/L	0.546	0.423	—	0.669	0.041	
	μmol/L	1.05	0.81	—	1.28	0.08		μmol/L	1.06	0.82	—	1.30	0.08	
<b>BS-360E</b> <sup>10</sup>	g/L	0.578	0.448	—	0.708	0.043	<b>BS-2800M</b> <sup>20</sup>	g/L	0.546	0.423	—	0.669	0.041	
	μmol/L	1.13	0.87	—	1.38	0.08		μmol/L	1.06	0.82	—	1.30	0.08	
<b>ApoB</b> Note: This reference value is only applicable to 141922001 and before batch ApoB reagents	<b>BS-120</b> <sup>1</sup>	g/L	0.563	0.436	—	0.690	0.042	<b>BS-380</b> <sup>11</sup>	g/L	0.574	0.445	—	0.703	0.043
		μmol/L	1.10	0.85	—	1.35	0.08		μmol/L	1.12	0.87	—	1.37	0.08
	<b>BS-180</b> <sup>2</sup>	g/L	0.563	0.436	—	0.690	0.042	<b>BS-400</b> <sup>12</sup>	g/L	0.567	0.439	—	0.695	0.043
		μmol/L	1.10	0.85	—	1.35	0.08		μmol/L	1.11	0.86	—	1.36	0.08
	<b>BS-200</b> <sup>3</sup>	g/L	0.577	0.447	—	0.707	0.043	<b>BS-430</b> <sup>13</sup>	g/L	0.567	0.439	—	0.695	0.043
		μmol/L	1.13	0.87	—	1.38	0.08		μmol/L	1.11	0.86	—	1.36	0.08
	<b>BS-200E</b> <sup>4</sup>	g/L	0.580	0.450	—	0.711	0.044	<b>BS-480</b> <sup>14</sup>	g/L	0.551	0.427	—	0.675	0.041
		μmol/L	1.13	0.88	—	1.39	0.09		μmol/L	1.07	0.83	—	1.32	0.08
	<b>BS-230</b> <sup>5</sup>	g/L	0.558	0.432	—	0.684	0.042	<b>BS-600</b> <sup>15</sup>	g/L	0.551	0.427	—	0.675	0.041
		μmol/L	1.09	0.84	—	1.33	0.08		μmol/L	1.07	0.83	—	1.32	0.08
<b>BS-240E</b> <sup>6</sup>	g/L	0.548	0.425	—	0.671	0.041	<b>BS-600M</b> <sup>16</sup>	g/L	0.565	0.438	—	0.692	0.042	
	μmol/L	1.07	0.83	—	1.31	0.08		μmol/L	1.10	0.85	—	1.35	0.08	
<b>BS-300</b> <sup>7</sup>	g/L	0.548	0.425	—	0.671	0.041	<b>BS-620M</b> <sup>17</sup>	g/L	0.565	0.438	—	0.692	0.042	
	μmol/L	1.07	0.83	—	1.31	0.08		μmol/L	1.10	0.85	—	1.35	0.08	
<b>BS-330</b> <sup>8</sup>	g/L	0.577	0.447	—	0.707	0.043	<b>BS-800</b> <sup>18</sup>	g/L	0.577	0.447	—	0.707	0.043	
	μmol/L	1.13	0.87	—	1.38	0.08		μmol/L	1.13	0.87	—	1.38	0.08	
<b>BS-330E</b> <sup>9</sup>	g/L	0.580	0.450	—	0.711	0.044	<b>BS-2000</b> <sup>19</sup>	g/L	0.563	0.436	—	0.690	0.042	
	μmol/L	1.13	0.88	—	1.39	0.09		μmol/L	1.10	0.85	—	1.35	0.08	
<b>BS-360E</b> <sup>10</sup>	g/L	0.589	0.456	—	0.722	0.044	<b>BS-2800M</b> <sup>20</sup>	g/L	0.565	0.438	—	0.692	0.042	
	μmol/L	1.15	0.89	—	1.41	0.09		μmol/L	1.10	0.85	—	1.35	0.08	
<b>C3</b>	<b>BS-120</b> <sup>1</sup>	g/L	1.02	0.81	—	1.23	0.07	<b>BS-380</b> <sup>11</sup>	g/L	1.05	0.84	—	1.26	0.07
	<b>BS-180</b> <sup>2</sup>	g/L	1.02	0.81	—	1.23	0.07	<b>BS-400</b> <sup>12</sup>	g/L	1.05	0.84	—	1.26	0.07
	<b>BS-200</b> <sup>3</sup>	g/L	1.07	0.85	—	1.29	0.07	<b>BS-430</b> <sup>13</sup>	g/L	1.05	0.84	—	1.26	0.07
	<b>BS-200E</b> <sup>4</sup>	g/L	1.08	0.86	—	1.30	0.07	<b>BS-480</b> <sup>14</sup>	g/L	1.01	0.81	—	1.21	0.07
	<b>BS-230</b> <sup>5</sup>	g/L	0.981	0.782	—	1.180	0.066	<b>BS-600</b> <sup>15</sup>	g/L	1.01	0.81	—	1.21	0.07
	<b>BS-240E</b> <sup>6</sup>	g/L	1.07	0.85	—	1.29	0.07	<b>BS-600M</b> <sup>16</sup>	g/L	1.03	0.82	—	1.24	0.07
	<b>BS-300</b> <sup>7</sup>	g/L	1.08	0.86	—	1.30	0.07	<b>BS-620M</b> <sup>17</sup>	g/L	1.03	0.82	—	1.24	0.07
	<b>BS-330</b> <sup>8</sup>	g/L	1.07	0.85	—	1.29	0.07	<b>BS-800</b> <sup>18</sup>	g/L	1.04	0.83	—	1.25	0.07
	<b>BS-330E</b> <sup>9</sup>	g/L	1.08	0.86	—	1.30	0.07	<b>BS-2000</b> <sup>19</sup>	g/L	1.01	0.81	—	1.21	0.07
	<b>BS-360E</b> <sup>10</sup>	g/L	1.01	0.81	—	1.21	0.07	<b>BS-2800M</b> <sup>20</sup>	g/L	1.02	0.81	—	1.23	0.07
<b>C4</b>	<b>BS-120</b> <sup>1</sup>	g/L	0.165	0.132	—	0.198	0.011	<b>BS-380</b> <sup>11</sup>	g/L	0.171	0.136	—	0.206	0.012
		μmol/L	0.825	0.660	—	0.990	0.055		μmol/L	0.855	0.680	—	1.030	0.060
	<b>BS-180</b> <sup>2</sup>	g/L	0.165	0.132	—	0.198	0.011	<b>BS-400</b> <sup>12</sup>	g/L	0.172	0.137	—	0.207	0.012
		μmol/L	0.825	0.660	—	0.990	0.055		μmol/L	0.860	0.685	—	1.035	0.060
	<b>BS-200</b> <sup>3</sup>	g/L	0.174	0.139	—	0.209	0.012	<b>BS-430</b> <sup>13</sup>	g/L	0.173	0.138	—	0.208	0.012
		μmol/L	0.870	0.695	—	1.045	0.060		μmol/L	0.865	0.690	—	1.040	0.060
	<b>BS-200E</b> <sup>4</sup>	g/L	0.171	0.136	—	0.206	0.012	<b>BS-480</b> <sup>14</sup>	g/L	0.164	0.131	—	0.197	0.011
		μmol/L	0.855	0.680	—	1.030	0.060		μmol/L	0.820	0.655	—	0.985	0.055
	<b>BS-230</b> <sup>5</sup>	g/L	0.159	0.127	—	0.191	0.011	<b>BS-600</b> <sup>15</sup>	g/L	0.164	0.131	—	0.197	0.011
		μmol/L	0.795	0.635	—	0.955	0.055		μmol/L	0.820	0.655	—	0.985	0.055
<b>BS-240E</b> <sup>6</sup>	g/L	0.164	0.131	—	0.197	0.011	<b>BS-600M</b> <sup>16</sup>	g/L	0.165	0.132	—	0.198	0.011	
	μmol/L	0.820	0.655	—	0.985	0.055		μmol/L	0.825	0.660	—	0.990	0.055	
<b>BS-300</b> <sup>7</sup>	g/L	0.171	0.136	—	0.206	0.012	<b>BS-620M</b> <sup>17</sup>	g/L	0.165	0.132	—	0.198	0.011	
	μmol/L	0.855	0.680	—	1.030	0.060		μmol/L	0.825	0.660	—	0.990	0.055	
<b>BS-330</b> <sup>8</sup>	g/L	0.174	0.139	—	0.209	0.012	<b>BS-800</b> <sup>18</sup>	g/L	0.168	0.134	—	0.202	0.011	
	μmol/L	0.870	0.695	—	1.045	0.060		μmol/L	0.840	0.670	—	1.010	0.055	
<b>BS-330E</b> <sup>9</sup>	g/L	0.171	0.136	—	0.206	0.012	<b>BS-2000</b> <sup>19</sup>	g/L	0.165	0.132	—	0.198	0.011	
	μmol/L	0.855	0.680	—	1.030	0.060		μmol/L	0.825	0.660	—	0.990	0.055	
<b>BS-360E</b> <sup>10</sup>	g/L	0.165	0.132	—	0.198	0.011	<b>BS-2800M</b> <sup>20</sup>	g/L	0.167	0.133	—	0.201	0.011	
	μmol/L	0.825	0.660	—	0.990	0.055		μmol/L	0.835	0.665	—	1.005	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	4.79	3.35	—	6.23	0.48	BS-380 <sup>11</sup>	mg/L	6.29	4.40	—	8.18	0.63	
		nmol/L	45.6	31.9	—	59.3	4.6		nmol/L	59.9	41.9	—	77.9	6.0	
	BS-180 <sup>2</sup>	mg/L	4.79	3.35	—	6.23	0.48	BS-400 <sup>12</sup>	mg/L	5.64	3.95	—	7.33	0.56	
		nmol/L	45.6	31.9	—	59.3	4.6		nmol/L	53.7	37.6	—	69.8	5.3	
	BS-200 <sup>3</sup>	mg/L	5.26	3.68	—	6.84	0.53	BS-430 <sup>13</sup>	mg/L	5.69	3.98	—	7.40	0.57	
		nmol/L	50.1	35.0	—	65.1	5.0		nmol/L	54.2	37.9	—	70.4	5.4	
	BS-200E <sup>4</sup>	mg/L	6.36	4.45	—	8.27	0.64	BS-480 <sup>14</sup>	mg/L	5.26	3.68	—	6.84	0.53	
		nmol/L	60.5	42.4	—	78.7	6.1		nmol/L	50.1	35.0	—	65.1	5.0	
	BS-230 <sup>5</sup>	mg/L	5.63	3.94	—	7.32	0.56	BS-600 <sup>15</sup>	mg/L	5.37	3.76	—	6.98	0.54	
		nmol/L	53.6	37.5	—	69.7	5.3		nmol/L	51.1	35.8	—	66.4	5.1	
	BS-240E <sup>6</sup>	mg/L	5.80	4.06	—	7.54	0.58	BS-600M <sup>16</sup>	mg/L	5.81	4.07	—	7.55	0.58	
		nmol/L	55.2	38.7	—	71.8	5.5		nmol/L	55.3	38.7	—	71.9	5.5	
	BS-300 <sup>7</sup>	mg/L	5.40	3.78	—	7.02	0.54	BS-620M <sup>17</sup>	mg/L	5.81	4.07	—	7.55	0.58	
		nmol/L	51.4	36.0	—	66.8	5.1		nmol/L	55.3	38.7	—	71.9	5.5	
	BS-330 <sup>8</sup>	mg/L	5.26	3.68	—	6.84	0.53	BS-800 <sup>18</sup>	mg/L	5.81	4.07	—	7.55	0.58	
		nmol/L	50.1	35.0	—	65.1	5.0		nmol/L	55.3	38.7	—	71.9	5.5	
	BS-330E <sup>9</sup>	mg/L	6.36	4.45	—	8.27	0.64	BS-2000 <sup>19</sup>	mg/L	5.65	3.96	—	7.35	0.57	
		nmol/L	60.5	42.4	—	78.7	6.1		nmol/L	53.8	37.7	—	70.0	5.4	
	BS-360E <sup>10</sup>	mg/L	5.81	4.07	—	7.55	0.58	BS-2800M <sup>20</sup>	mg/L	/	/	—	/	/	
		nmol/L	55.3	38.7	—	71.9	5.5		nmol/L	/	/	—	/	/	
IgA II	BS-200 <sup>3</sup>	g/L	1.75	1.36	—	2.14	0.13	BS-430 <sup>13</sup>	g/L	1.67	1.29	—	2.05	0.13	
		μmol/L	10.9	8.5	—	13.4	0.8		μmol/L	10.4	8.1	—	12.8	0.8	
	BS-200E <sup>4</sup>	g/L	1.67	1.29	—	2.05	0.13	BS-480 <sup>14</sup>	g/L	1.64	1.27	—	2.01	0.12	
		μmol/L	10.4	8.1	—	12.8	0.8		μmol/L	10.3	7.9	—	12.6	0.8	
	BS-230 <sup>5</sup>	g/L	1.59	1.23	—	1.95	0.12	BS-600 <sup>15</sup>	g/L	1.61	1.25	—	1.97	0.12	
		μmol/L	9.94	7.69	—	12.19	0.75		μmol/L	10.1	7.8	—	12.3	0.8	
	BS-240E <sup>6</sup>	g/L	1.69	1.31	—	2.07	0.13	BS-600M <sup>16</sup>	g/L	1.60	1.24	—	1.96	0.12	
		μmol/L	10.6	8.2	—	12.9	0.8		μmol/L	10.0	7.8	—	12.3	0.8	
	BS-330 <sup>8</sup>	g/L	1.75	1.36	—	2.14	0.13	BS-620M <sup>17</sup>	g/L	1.60	1.24	—	1.96	0.12	
		μmol/L	10.9	8.5	—	13.4	0.8		μmol/L	10.0	7.8	—	12.3	0.8	
	BS-330E <sup>9</sup>	g/L	1.67	1.29	—	2.05	0.13	BS-800 <sup>18</sup>	g/L	1.65	1.28	—	2.02	0.12	
		μmol/L	10.4	8.1	—	12.8	0.8		μmol/L	10.3	8.0	—	12.6	0.8	
	BS-360E <sup>10</sup>	g/L	1.64	1.27	—	2.01	0.12	BS-2000 <sup>19</sup>	g/L	1.58	1.22	—	1.94	0.12	
		μmol/L	10.3	7.9	—	12.6	0.8		μmol/L	9.88	7.63	—	12.13	0.75	
	BS-380 <sup>11</sup>	g/L	1.61	1.25	—	1.97	0.12	BS-2800M <sup>20</sup>	g/L	1.62	1.26	—	1.98	0.12	
		μmol/L	10.1	7.8	—	12.3	0.8		μmol/L	10.1	7.9	—	12.4	0.8	
	BS-400 <sup>12</sup>	g/L	1.65	1.28	—	2.02	0.12								
		μmol/L	10.3	8.0	—	12.6	0.8								
	IgG	BS-120 <sup>1</sup>	g/L	8.67	6.72	—	10.62	0.65	BS-380 <sup>11</sup>	g/L	7.93	6.15	—	9.71	0.59
			μmol/L	57.8	44.8	—	70.8	4.3		μmol/L	52.9	41.0	—	64.8	3.9
BS-180 <sup>2</sup>		g/L	8.67	6.72	—	10.62	0.65	BS-400 <sup>12</sup>	g/L	7.93	6.15	—	9.71	0.59	
		μmol/L	57.8	44.8	—	70.8	4.3		μmol/L	52.9	41.0	—	64.8	3.9	
BS-200 <sup>3</sup>		g/L	8.63	6.69	—	10.57	0.65	BS-430 <sup>13</sup>	g/L	7.65	5.93	—	9.37	0.57	
		μmol/L	57.6	44.6	—	70.5	4.3		μmol/L	51.0	39.6	—	62.5	3.8	
BS-200E <sup>4</sup>		g/L	8.01	6.21	—	9.81	0.60	BS-480 <sup>14</sup>	g/L	7.43	5.76	—	9.10	0.56	
		μmol/L	53.4	41.4	—	65.4	4.0		μmol/L	49.6	38.4	—	60.7	3.7	
BS-230 <sup>5</sup>		g/L	8.08	6.26	—	9.90	0.61	BS-600 <sup>15</sup>	g/L	7.65	5.93	—	9.37	0.57	
		μmol/L	53.9	41.8	—	66.0	4.1		μmol/L	51.0	39.6	—	62.5	3.8	
BS-240E <sup>6</sup>		g/L	7.65	5.93	—	9.37	0.57	BS-600M <sup>16</sup>	g/L	7.65	5.93	—	9.37	0.57	
		μmol/L	51.0	39.6	—	62.5	3.8		μmol/L	51.0	39.6	—	62.5	3.8	
BS-300 <sup>7</sup>		g/L	7.93	6.15	—	9.71	0.59	BS-620M <sup>17</sup>	g/L	7.65	5.93	—	9.37	0.57	
		μmol/L	52.9	41.0	—	64.8	3.9		μmol/L	51.0	39.6	—	62.5	3.8	
BS-330 <sup>8</sup>		g/L	8.63	6.69	—	10.57	0.65	BS-800 <sup>18</sup>	g/L	7.65	5.93	—	9.37	0.57	
		μmol/L	57.6	44.6	—	70.5	4.3		μmol/L	51.0	39.6	—	62.5	3.8	
BS-330E <sup>9</sup>		g/L	8.01	6.21	—	9.81	0.60	BS-2000 <sup>19</sup>	g/L	7.65	5.93	—	9.37	0.57	
		μmol/L	53.4	41.4	—	65.4	4.0		μmol/L	51.0	39.6	—	62.5	3.8	
BS-360E <sup>10</sup>		g/L	7.89	6.11	—	9.67	0.59	BS-2800M <sup>20</sup>	g/L	7.65	5.93	—	9.37	0.57	
		μmol/L	52.6	40.8	—	64.5	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	0.737	0.571	—	0.903	0.055	BS-380 <sup>11</sup>	g/L	0.728	0.564	—	0.892	0.055
		μmol/L	0.759	0.588	—	0.930	0.057		μmol/L	0.750	0.581	—	0.919	0.057
	BS-180 <sup>2</sup>	g/L	0.737	0.571	—	0.903	0.055	BS-400 <sup>12</sup>	g/L	0.728	0.564	—	0.892	0.055
		μmol/L	0.759	0.588	—	0.930	0.057		μmol/L	0.750	0.581	—	0.919	0.057
	BS-200 <sup>3</sup>	g/L	0.764	0.592	—	0.936	0.057	BS-430 <sup>13</sup>	g/L	0.743	0.576	—	0.910	0.056
		μmol/L	0.787	0.610	—	0.964	0.059		μmol/L	0.765	0.593	—	0.937	0.058
	BS-200E <sup>4</sup>	g/L	0.730	0.566	—	0.894	0.055	BS-480 <sup>14</sup>	g/L	0.733	0.568	—	0.898	0.055
		μmol/L	0.752	0.583	—	0.921	0.057		μmol/L	0.755	0.585	—	0.925	0.057
	BS-230 <sup>5</sup>	g/L	0.723	0.560	—	0.886	0.054	BS-600 <sup>15</sup>	g/L	0.722	0.560	—	0.884	0.054
		μmol/L	0.745	0.577	—	0.913	0.056		μmol/L	0.744	0.577	—	0.911	0.056
	BS-240E <sup>6</sup>	g/L	0.726	0.563	—	0.889	0.054	BS-600M <sup>16</sup>	g/L	0.710	0.550	—	0.870	0.053
		μmol/L	0.748	0.580	—	0.916	0.056		μmol/L	0.731	0.567	—	0.896	0.055
	BS-300 <sup>7</sup>	g/L	0.716	0.555	—	0.877	0.054	BS-620M <sup>17</sup>	g/L	0.710	0.550	—	0.870	0.053
		μmol/L	0.737	0.572	—	0.903	0.056		μmol/L	0.731	0.567	—	0.896	0.055
	BS-330 <sup>8</sup>	g/L	0.764	0.592	—	0.936	0.057	BS-800 <sup>18</sup>	g/L	0.725	0.562	—	0.888	0.054
		μmol/L	0.787	0.610	—	0.964	0.059		μmol/L	0.747	0.579	—	0.915	0.056
	BS-330E <sup>9</sup>	g/L	0.730	0.566	—	0.894	0.055	BS-2000 <sup>19</sup>	g/L	0.725	0.562	—	0.888	0.054
		μmol/L	0.752	0.583	—	0.921	0.057		μmol/L	0.747	0.579	—	0.915	0.056
	BS-360E <sup>10</sup>	g/L	0.727	0.563	—	0.891	0.055	BS-2800M <sup>20</sup>	g/L	0.710	0.550	—	0.870	0.053
		μmol/L	0.749	0.580	—	0.918	0.057		μmol/L	0.731	0.567	—	0.896	0.055
<b>PA</b>	BS-120 <sup>1</sup>	mg/L	130	101	—	159	10	BS-380 <sup>11</sup>	mg/L	134	104	—	164	10
		μmol/L	2.37	1.84	—	2.89	0.18		μmol/L	2.44	1.89	—	2.98	0.18
	BS-180 <sup>2</sup>	mg/L	130	101	—	159	10	BS-400 <sup>12</sup>	mg/L	134	104	—	164	10
		μmol/L	2.37	1.84	—	2.89	0.18		μmol/L	2.44	1.89	—	2.98	0.18
	BS-200 <sup>3</sup>	mg/L	134	104	—	164	10	BS-430 <sup>13</sup>	mg/L	137	106	—	168	10
		μmol/L	2.44	1.89	—	2.98	0.18		μmol/L	2.49	1.93	—	3.06	0.18
	BS-200E <sup>4</sup>	mg/L	137	106	—	168	10	BS-480 <sup>14</sup>	mg/L	136	105	—	167	10
		μmol/L	2.49	1.93	—	3.06	0.18		μmol/L	2.48	1.91	—	3.04	0.18
	BS-230 <sup>5</sup>	mg/L	131	102	—	160	10	BS-600 <sup>15</sup>	mg/L	136	105	—	167	10
		μmol/L	2.38	1.86	—	2.91	0.18		μmol/L	2.48	1.91	—	3.04	0.18
	BS-240E <sup>6</sup>	mg/L	136	105	—	167	10	BS-600M <sup>16</sup>	mg/L	134	104	—	164	10
		μmol/L	2.48	1.91	—	3.04	0.18		μmol/L	2.44	1.89	—	2.98	0.18
	BS-300 <sup>7</sup>	mg/L	137	106	—	168	10	BS-620M <sup>17</sup>	mg/L	134	104	—	164	10
		μmol/L	2.49	1.93	—	3.06	0.18		μmol/L	2.44	1.89	—	2.98	0.18
	BS-330 <sup>8</sup>	mg/L	134	104	—	164	10	BS-800 <sup>18</sup>	mg/L	136	105	—	167	10
		μmol/L	2.44	1.89	—	2.98	0.18		μmol/L	2.48	1.91	—	3.04	0.18
	BS-330E <sup>9</sup>	mg/L	137	106	—	168	10	BS-2000 <sup>19</sup>	mg/L	137	106	—	168	10
		μmol/L	2.49	1.93	—	3.06	0.18		μmol/L	2.49	1.93	—	3.06	0.18
	BS-360E <sup>10</sup>	mg/L	136	105	—	167	10	BS-2800M <sup>20</sup>	mg/L	140	109	—	172	11
		μmol/L	2.48	1.91	—	3.04	0.18		μmol/L	2.55	1.98	—	3.13	0.20
<b>LDH</b>	BS-120 <sup>1</sup>	U/L	155	132	—	178	8	BS-380 <sup>11</sup>	U/L	156	133	—	179	8
		μkat/L	2.59	2.20	—	2.97	0.13		μkat/L	2.61	2.22	—	2.99	0.13
	BS-180 <sup>2</sup>	U/L	155	132	—	178	8	BS-400 <sup>12</sup>	U/L	157	133	—	181	8
		μkat/L	2.59	2.20	—	2.97	0.13		μkat/L	2.62	2.22	—	3.02	0.13
	BS-200 <sup>3</sup>	U/L	156	133	—	179	8	BS-430 <sup>13</sup>	U/L	156	133	—	179	8
		μkat/L	2.61	2.22	—	2.99	0.13		μkat/L	2.61	2.22	—	2.99	0.13
	BS-200E <sup>4</sup>	U/L	148	126	—	170	7	BS-480 <sup>14</sup>	U/L	158	134	—	182	8
		μkat/L	2.47	2.10	—	2.84	0.12		μkat/L	2.64	2.24	—	3.04	0.13
	BS-230 <sup>5</sup>	U/L	157	133	—	181	8	BS-600 <sup>15</sup>	U/L	157	133	—	181	8
		μkat/L	2.62	2.22	—	3.02	0.13		μkat/L	2.62	2.22	—	3.02	0.13
	BS-240E <sup>6</sup>	U/L	153	130	—	176	8	BS-600M <sup>16</sup>	U/L	158	134	—	182	8
		μkat/L	2.56	2.17	—	2.94	0.13		μkat/L	2.64	2.24	—	3.04	0.13
	BS-300 <sup>7</sup>	U/L	157	133	—	181	8	BS-620M <sup>17</sup>	U/L	158	134	—	182	8
		μkat/L	2.62	2.22	—	3.02	0.13		μkat/L	2.64	2.24	—	3.04	0.13
	BS-330 <sup>8</sup>	U/L	156	133	—	179	8	BS-800 <sup>18</sup>	U/L	155	132	—	178	8
		μkat/L	2.61	2.22	—	2.99	0.13		μkat/L	2.59	2.20	—	2.97	0.13
	BS-330E <sup>9</sup>	U/L	148	126	—	170	7	BS-2000 <sup>19</sup>	U/L	154	131	—	177	8
		μkat/L	2.47	2.10	—	2.84	0.12		μkat/L	2.57	2.19	—	2.96	0.13
	BS-360E <sup>10</sup>	U/L	156	133	—	179	8	BS-2800M <sup>20</sup>	U/L	155	132	—	178	8
		μkat/L	2.61	2.22	—	2.99	0.13		μkat/L	2.59	2.20	—	2.97	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	0.864	0.760	—	0.968	0.035	<b>BS-380</b> <sup>11</sup>	mmol/L	0.857	0.754	—	0.960	0.034
		mg/dL	2.10	1.85	—	2.35	0.09		mg/dL	2.08	1.83	—	2.33	0.08
	<b>BS-180</b> <sup>2</sup>	mmol/L	0.864	0.760	—	0.968	0.035	<b>BS-400</b> <sup>12</sup>	mmol/L	0.857	0.754	—	0.960	0.034
		mg/dL	2.10	1.85	—	2.35	0.09		mg/dL	2.08	1.83	—	2.33	0.08
	<b>BS-200</b> <sup>3</sup>	mmol/L	0.864	0.760	—	0.968	0.035	<b>BS-430</b> <sup>13</sup>	mmol/L	0.854	0.752	—	0.956	0.034
		mg/dL	2.10	1.85	—	2.35	0.09		mg/dL	2.08	1.83	—	2.32	0.08
	<b>BS-200E</b> <sup>4</sup>	mmol/L	0.858	0.755	—	0.961	0.034	<b>BS-480</b> <sup>14</sup>	mmol/L	0.850	0.748	—	0.952	0.034
		mg/dL	2.08	1.83	—	2.34	0.08		mg/dL	2.07	1.82	—	2.31	0.08
	<b>BS-230</b> <sup>5</sup>	mmol/L	0.859	0.756	—	0.962	0.034	<b>BS-600</b> <sup>15</sup>	mmol/L	0.852	0.750	—	0.954	0.034
		mg/dL	2.09	1.84	—	2.34	0.08		mg/dL	2.07	1.82	—	2.32	0.08
	<b>BS-240E</b> <sup>6</sup>	mmol/L	0.843	0.742	—	0.944	0.034	<b>BS-600M</b> <sup>16</sup>	mmol/L	0.859	0.756	—	0.962	0.034
		mg/dL	2.05	1.80	—	2.29	0.08		mg/dL	2.09	1.84	—	2.34	0.08
	<b>BS-300</b> <sup>7</sup>	mmol/L	0.857	0.754	—	0.960	0.034	<b>BS-620M</b> <sup>17</sup>	mmol/L	0.859	0.756	—	0.962	0.034
		mg/dL	2.08	1.83	—	2.33	0.08		mg/dL	2.09	1.84	—	2.34	0.08
	<b>BS-330</b> <sup>8</sup>	mmol/L	0.864	0.760	—	0.968	0.035	<b>BS-800</b> <sup>18</sup>	mmol/L	0.854	0.752	—	0.956	0.034
		mg/dL	2.10	1.85	—	2.35	0.09		mg/dL	2.08	1.83	—	2.32	0.08
	<b>BS-330E</b> <sup>9</sup>	mmol/L	0.858	0.755	—	0.961	0.034	<b>BS-2000</b> <sup>19</sup>	mmol/L	0.857	0.754	—	0.960	0.034
		mg/dL	2.08	1.83	—	2.34	0.08		mg/dL	2.08	1.83	—	2.33	0.08
	<b>BS-360E</b> <sup>10</sup>	mmol/L	0.832	0.732	—	0.932	0.033	<b>BS-2800M</b> <sup>20</sup>	mmol/L	0.854	0.752	—	0.956	0.034
		mg/dL	2.02	1.78	—	2.26	0.08		mg/dL	2.08	1.83	—	2.32	0.08
<b>P</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	1.22	1.04	—	1.40	0.06	<b>BS-380</b> <sup>11</sup>	mmol/L	1.22	1.04	—	1.40	0.06
		mg/dL	3.78	3.22	—	4.34	0.19		mg/dL	3.78	3.22	—	4.34	0.19
	<b>BS-180</b> <sup>2</sup>	mmol/L	1.22	1.04	—	1.40	0.06	<b>BS-400</b> <sup>12</sup>	mmol/L	1.22	1.04	—	1.40	0.06
		mg/dL	3.78	3.22	—	4.34	0.19		mg/dL	3.78	3.22	—	4.34	0.19
	<b>BS-200</b> <sup>3</sup>	mmol/L	1.20	1.02	—	1.38	0.06	<b>BS-430</b> <sup>13</sup>	mmol/L	1.21	1.03	—	1.39	0.06
		mg/dL	3.72	3.16	—	4.28	0.19		mg/dL	3.75	3.19	—	4.31	0.19
	<b>BS-200E</b> <sup>4</sup>	mmol/L	1.22	1.04	—	1.40	0.06	<b>BS-480</b> <sup>14</sup>	mmol/L	1.19	1.01	—	1.37	0.06
		mg/dL	3.78	3.22	—	4.34	0.19		mg/dL	3.69	3.13	—	4.25	0.19
	<b>BS-230</b> <sup>5</sup>	mmol/L	1.23	1.05	—	1.41	0.06	<b>BS-600</b> <sup>15</sup>	mmol/L	1.21	1.03	—	1.39	0.06
		mg/dL	3.81	3.26	—	4.37	0.19		mg/dL	3.75	3.19	—	4.31	0.19
	<b>BS-240E</b> <sup>6</sup>	mmol/L	1.21	1.03	—	1.39	0.06	<b>BS-600M</b> <sup>16</sup>	mmol/L	1.23	1.05	—	1.41	0.06
		mg/dL	3.75	3.19	—	4.31	0.19		mg/dL	3.81	3.26	—	4.37	0.19
	<b>BS-300</b> <sup>7</sup>	mmol/L	1.21	1.03	—	1.39	0.06	<b>BS-620M</b> <sup>17</sup>	mmol/L	1.23	1.05	—	1.41	0.06
		mg/dL	3.75	3.19	—	4.31	0.19		mg/dL	3.81	3.26	—	4.37	0.19
	<b>BS-330</b> <sup>8</sup>	mmol/L	1.20	1.02	—	1.38	0.06	<b>BS-800</b> <sup>18</sup>	mmol/L	1.23	1.05	—	1.41	0.06
		mg/dL	3.72	3.16	—	4.28	0.19		mg/dL	3.81	3.26	—	4.37	0.19
	<b>BS-330E</b> <sup>9</sup>	mmol/L	1.22	1.04	—	1.40	0.06	<b>BS-2000</b> <sup>19</sup>	mmol/L	1.23	1.05	—	1.41	0.06
		mg/dL	3.78	3.22	—	4.34	0.19		mg/dL	3.81	3.26	—	4.37	0.19
	<b>BS-360E</b> <sup>10</sup>	mmol/L	1.22	1.04	—	1.40	0.06	<b>BS-2800M</b> <sup>20</sup>	mmol/L	/	/	—	/	/
		mg/dL	3.78	3.22	—	4.34	0.19		mg/dL	/	/	—	/	/
<b>P II</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	1.20	1.02	—	1.38	0.06	<b>BS-380</b> <sup>11</sup>	mmol/L	1.19	1.01	—	1.37	0.06
		mg/dL	3.72	3.16	—	4.28	0.19		mg/dL	3.69	3.13	—	4.25	0.19
	<b>BS-180</b> <sup>2</sup>	mmol/L	1.20	1.02	—	1.38	0.06	<b>BS-400</b> <sup>12</sup>	mmol/L	1.16	0.99	—	1.33	0.06
		mg/dL	3.72	3.16	—	4.28	0.19		mg/dL	3.60	3.07	—	4.12	0.19
	<b>BS-200</b> <sup>3</sup>	mmol/L	1.17	0.99	—	1.35	0.06	<b>BS-430</b> <sup>13</sup>	mmol/L	1.19	1.01	—	1.37	0.06
		mg/dL	3.63	3.07	—	4.19	0.19		mg/dL	3.69	3.13	—	4.25	0.19
	<b>BS-200E</b> <sup>4</sup>	mmol/L	1.19	1.01	—	1.37	0.06	<b>BS-480</b> <sup>14</sup>	mmol/L	1.19	1.01	—	1.37	0.06
		mg/dL	3.69	3.13	—	4.25	0.19		mg/dL	3.69	3.13	—	4.25	0.19
	<b>BS-230</b> <sup>5</sup>	mmol/L	1.21	1.03	—	1.39	0.06	<b>BS-600</b> <sup>15</sup>	mmol/L	1.19	1.01	—	1.37	0.06
		mg/dL	3.75	3.19	—	4.31	0.19		mg/dL	3.69	3.13	—	4.25	0.19
	<b>BS-240E</b> <sup>6</sup>	mmol/L	1.16	0.99	—	1.33	0.06	<b>BS-600M</b> <sup>16</sup>	mmol/L	1.20	1.02	—	1.38	0.06
		mg/dL	3.60	3.07	—	4.12	0.19		mg/dL	3.72	3.16	—	4.28	0.19
	<b>BS-300</b> <sup>7</sup>	mmol/L	1.20	1.02	—	1.38	0.06	<b>BS-620M</b> <sup>17</sup>	mmol/L	1.20	1.02	—	1.38	0.06
		mg/dL	3.72	3.16	—	4.28	0.19		mg/dL	3.72	3.16	—	4.28	0.19
	<b>BS-330</b> <sup>8</sup>	mmol/L	1.17	0.99	—	1.35	0.06	<b>BS-800</b> <sup>18</sup>	mmol/L	1.19	1.01	—	1.37	0.06
		mg/dL	3.63	3.07	—	4.19	0.19		mg/dL	3.69	3.13	—	4.25	0.19
	<b>BS-330E</b> <sup>9</sup>	mmol/L	1.19	1.01	—	1.37	0.06	<b>BS-2000</b> <sup>19</sup>	mmol/L	1.20	1.02	—	1.38	0.06
		mg/dL	3.69	3.13	—	4.25	0.19		mg/dL	3.72	3.16	—	4.28	0.19
	<b>BS-360E</b> <sup>10</sup>	mmol/L	1.16	0.99	—	1.33	0.06	<b>BS-2800M</b> <sup>20</sup>	mmol/L	1.20	1.02	—	1.38	0.06
		mg/dL	3.60	3.07	—	4.12	0.19		mg/dL	3.72	3.16	—	4.28	0.19

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	50.8	43.2	—	58.4	2.5	BS-380 <sup>11</sup>	g/L	50.3	42.8	—	57.8	2.5
	BS-180 <sup>2</sup>	g/L	50.8	43.2	—	58.4	2.5	BS-400 <sup>12</sup>	g/L	51.0	43.4	—	58.7	2.6
	BS-200 <sup>3</sup>	g/L	51.4	43.7	—	59.1	2.6	BS-430 <sup>13</sup>	g/L	50.6	43.0	—	58.2	2.5
	BS-200E <sup>4</sup>	g/L	51.5	43.8	—	59.2	2.6	BS-480 <sup>14</sup>	g/L	50.7	43.1	—	58.3	2.5
	BS-230 <sup>5</sup>	g/L	51.2	43.5	—	58.9	2.6	BS-600 <sup>15</sup>	g/L	50.6	43.0	—	58.2	2.5
	BS-240E <sup>6</sup>	g/L	50.8	43.2	—	58.4	2.5	BS-600M <sup>15</sup>	g/L	50.6	43.0	—	58.2	2.5
	BS-300 <sup>7</sup>	g/L	51.2	43.5	—	58.9	2.6	BS-620M <sup>16</sup>	g/L	50.6	43.0	—	58.2	2.5
	BS-330 <sup>8</sup>	g/L	51.4	43.7	—	59.1	2.6	BS-800 <sup>16</sup>	g/L	50.6	43.0	—	58.2	2.5
	BS-330E <sup>9</sup>	g/L	51.5	43.8	—	59.2	2.6	BS-2000 <sup>17</sup>	g/L	50.5	42.9	—	58.1	2.5
	BS-360E <sup>10</sup>	g/L	50.8	43.2	—	58.4	2.5	BS-2800M <sup>18</sup>	g/L	/	/	—	/	/
TP II	BS-120 <sup>1</sup>	g/L	50.5	42.9	—	58.1	2.5	BS-380 <sup>11</sup>	g/L	50.2	42.7	—	57.7	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	50.5	42.9	—	58.1	2.5
	BS-200E <sup>4</sup>	g/L	50.3	42.8	—	57.8	2.5	BS-480 <sup>14</sup>	g/L	50.5	42.9	—	58.1	2.5
	BS-230 <sup>5</sup>	g/L	51.2	43.5	—	58.9	2.6	BS-600 <sup>15</sup>	g/L	50.5	42.9	—	58.1	2.5
	BS-240E <sup>6</sup>	g/L	50.2	42.7	—	57.7	2.5	BS-600M <sup>15</sup>	g/L	50.6	43.0	—	58.2	2.5
	BS-300 <sup>7</sup>	g/L	50.5	42.9	—	58.1	2.5	BS-620M <sup>16</sup>	g/L	50.6	43.0	—	58.2	2.5
	BS-330 <sup>8</sup>	g/L	50.5	42.9	—	58.1	2.5	BS-800 <sup>16</sup>	g/L	50.5	42.9	—	58.1	2.5
	BS-330E <sup>9</sup>	g/L	50.3	42.8	—	57.8	2.5	BS-2000 <sup>17</sup>	g/L	50.2	42.7	—	57.7	2.5
	BS-360E <sup>10</sup>	g/L	50.0	42.5	—	57.5	2.5	BS-2800M <sup>18</sup>	g/L	50.6	43.0	—	58.2	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	1.26	1.09	—	1.43	0.06
		mg/dL	112	96	—	127	5		mg/dL	112	96	—	127	5
	BS-180 <sup>2</sup>	mmol/L	1.26	1.09	—	1.43	0.06	BS-400 <sup>12</sup>	mmol/L	1.25	1.08	—	1.42	0.06
		mg/dL	112	96	—	127	5		mg/dL	111	96	—	126	5
	BS-200 <sup>3</sup>	mmol/L	1.28	1.11	—	1.45	0.06	BS-430 <sup>13</sup>	mmol/L	1.28	1.11	—	1.45	0.06
		mg/dL	113	98	—	128	5		mg/dL	113	98	—	128	5
	BS-200E <sup>4</sup>	mmol/L	1.26	1.09	—	1.43	0.06	BS-480 <sup>14</sup>	mmol/L	1.25	1.08	—	1.42	0.06
		mg/dL	112	96	—	127	5		mg/dL	111	96	—	126	5
	BS-230 <sup>5</sup>	mmol/L	1.26	1.09	—	1.43	0.06	BS-600 <sup>15</sup>	mmol/L	1.27	1.10	—	1.44	0.06
		mg/dL	112	96	—	127	5		mg/dL	112	97	—	127	5
BS-240E <sup>6</sup>	mmol/L	1.26	1.09	—	1.43	0.06	BS-600M <sup>16</sup>	mmol/L	1.30	1.12	—	1.48	0.06	
	mg/dL	112	96	—	127	5		mg/dL	115	99	—	131	5	
BS-300 <sup>7</sup>	mmol/L	1.27	1.10	—	1.44	0.06	BS-620M <sup>17</sup>	mmol/L	1.30	1.12	—	1.48	0.06	
	mg/dL	112	97	—	127	5		mg/dL	115	99	—	131	5	
BS-330 <sup>8</sup>	mmol/L	1.28	1.11	—	1.45	0.06	BS-800 <sup>18</sup>	mmol/L	1.30	1.12	—	1.48	0.06	
	mg/dL	113	98	—	128	5		mg/dL	115	99	—	131	5	
BS-330E <sup>9</sup>	mmol/L	1.26	1.09	—	1.43	0.06	BS-2000 <sup>19</sup>	mmol/L	1.29	1.12	—	1.46	0.06	
	mg/dL	112	96	—	127	5		mg/dL	114	99	—	129	5	
BS-360E <sup>10</sup>	mmol/L	1.27	1.10	—	1.44	0.06	BS-2800M <sup>20</sup>	mmol/L	1.30	1.12	—	1.48	0.06	
	mg/dL	112	97	—	127	5		mg/dL	115	99	—	131	5	
UA	BS-120 <sup>1</sup>	μmol/L	312	270	—	354	14	BS-380 <sup>11</sup>	μmol/L	308	266	—	350	14
		mg/dL	5.24	4.54	—	5.95	0.24		mg/dL	5.18	4.47	—	5.88	0.24
	BS-180 <sup>2</sup>	μmol/L	312	270	—	354	14	BS-400 <sup>12</sup>	μmol/L	308	266	—	350	14
		mg/dL	5.24	4.54	—	5.95	0.24		mg/dL	5.18	4.47	—	5.88	0.24
	BS-200 <sup>3</sup>	μmol/L	298	258	—	338	13	BS-430 <sup>13</sup>	μmol/L	309	267	—	351	14
		mg/dL	5.01	4.34	—	5.68	0.22		mg/dL	5.19	4.49	—	5.90	0.24
	BS-200E <sup>4</sup>	μmol/L	308	266	—	350	14	BS-480 <sup>14</sup>	μmol/L	309	267	—	351	14
		mg/dL	5.18	4.47	—	5.88	0.24		mg/dL	5.19	4.49	—	5.90	0.24
	BS-230 <sup>5</sup>	μmol/L	309	267	—	351	14	BS-600 <sup>15</sup>	μmol/L	309	267	—	351	14
		mg/dL	5.19	4.49	—	5.90	0.24		mg/dL	5.19	4.49	—	5.90	0.24
BS-240E <sup>6</sup>	μmol/L	309	267	—	351	14	BS-600M <sup>16</sup>	μmol/L	314	272	—	356	14	
	mg/dL	5.19	4.49	—	5.90	0.24		mg/dL	5.28	4.57	—	5.98	0.24	
BS-300 <sup>7</sup>	μmol/L	308	266	—	350	14	BS-620M <sup>17</sup>	μmol/L	314	272	—	356	14	
	mg/dL	5.18	4.47	—	5.88	0.24		mg/dL	5.28	4.57	—	5.98	0.24	
BS-330 <sup>8</sup>	μmol/L	298	258	—	338	13	BS-800 <sup>18</sup>	μmol/L	309	267	—	351	14	
	mg/dL	5.01	4.34	—	5.68	0.22		mg/dL	5.19	4.49	—	5.90	0.24	
BS-330E <sup>9</sup>	μmol/L	308	266	—	350	14	BS-2000 <sup>19</sup>	μmol/L	308	266	—	350	14	
	mg/dL	5.18	4.47	—	5.88	0.24		mg/dL	5.18	4.47	—	5.88	0.24	
BS-360E <sup>10</sup>	μmol/L	303	262	—	344	14	BS-2800M <sup>20</sup>	μmol/L	314	272	—	356	14	
	mg/dL	5.09	4.40	—	5.78	0.24		mg/dL	5.28	4.57	—	5.98	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	6.73	5.72	—	7.74	0.34	BS-380 <sup>11</sup>	mmol/L	6.76	5.75	—	7.77	0.34
		mg/dL	40.4	34.4	—	46.5	2.0		mg/dL	40.6	34.5	—	46.7	2.0
	BS-180 <sup>2</sup>	mmol/L	6.73	5.72	—	7.74	0.34	BS-400 <sup>12</sup>	mmol/L	6.76	5.75	—	7.77	0.34
		mg/dL	40.4	34.4	—	46.5	2.0		mg/dL	40.6	34.5	—	46.7	2.0
	BS-200 <sup>3</sup>	mmol/L	6.73	5.72	—	7.74	0.34	BS-430 <sup>13</sup>	mmol/L	6.90	5.87	—	7.94	0.35
		mg/dL	40.4	34.4	—	46.5	2.0		mg/dL	41.4	35.3	—	47.7	2.1
	BS-200E <sup>4</sup>	mmol/L	6.95	5.91	—	7.99	0.35	BS-480 <sup>14</sup>	mmol/L	6.85	5.82	—	7.88	0.34
		mg/dL	41.7	35.5	—	48.0	2.1		mg/dL	41.1	35.0	—	47.3	2.0
	BS-230 <sup>5</sup>	mmol/L	6.83	5.81	—	7.85	0.34	BS-600 <sup>15</sup>	mmol/L	6.90	5.87	—	7.94	0.35
		mg/dL	41.0	34.9	—	47.1	2.0		mg/dL	41.4	35.3	—	47.7	2.1
	BS-240E <sup>6</sup>	mmol/L	6.83	5.81	—	7.85	0.34	BS-600M <sup>16</sup>	mmol/L	6.79	5.77	—	7.81	0.34
		mg/dL	41.0	34.9	—	47.1	2.0		mg/dL	40.8	34.7	—	46.9	2.0
	BS-300 <sup>7</sup>	mmol/L	6.76	5.75	—	7.77	0.34	BS-620M <sup>17</sup>	mmol/L	6.79	5.77	—	7.81	0.34
		mg/dL	40.6	34.5	—	46.7	2.0		mg/dL	40.8	34.7	—	46.9	2.0
	BS-330 <sup>8</sup>	mmol/L	6.73	5.72	—	7.74	0.34	BS-800 <sup>18</sup>	mmol/L	6.90	5.87	—	7.94	0.35
		mg/dL	40.4	34.4	—	46.5	2.0		mg/dL	41.4	35.3	—	47.7	2.1
	BS-330E <sup>9</sup>	mmol/L	6.95	5.91	—	7.99	0.35	BS-2000 <sup>19</sup>	mmol/L	6.88	5.85	—	7.91	0.34
		mg/dL	41.7	35.5	—	48.0	2.1		mg/dL	41.3	35.1	—	47.5	2.0
	BS-360E <sup>10</sup>	mmol/L	6.90	5.87	—	7.94	0.35	BS-2800M <sup>20</sup>	mmol/L	6.75	5.74	—	7.76	0.34
		mg/dL	41.4	35.3	—	47.7	2.1		mg/dL	40.5	34.5	—	46.6	2.0
LIP	BS-120 <sup>1</sup>	U/L	45.5	36.4	—	54.6	3.0	BS-380 <sup>11</sup>	U/L	44.5	35.6	—	53.4	3.0
		μkat/L	0.760	0.608	—	0.912	0.050		μkat/L	0.743	0.595	—	0.892	0.050
	BS-180 <sup>2</sup>	U/L	/	/	—	/	/	BS-400 <sup>12</sup>	U/L	44.5	35.6	—	53.4	3.0
		μkat/L	/	/	—	/	/		μkat/L	0.743	0.595	—	0.892	0.050
	BS-200 <sup>3</sup>	U/L	43.3	34.6	—	52.0	2.9	BS-430 <sup>13</sup>	U/L	45.4	36.3	—	54.5	3.0
		μkat/L	0.723	0.578	—	0.868	0.048		μkat/L	0.758	0.606	—	0.910	0.050
	BS-200E <sup>4</sup>	U/L	45.4	36.3	—	54.5	3.0	BS-480 <sup>14</sup>	U/L	45.2	36.1	—	54.3	3.0
		μkat/L	0.758	0.606	—	0.910	0.050		μkat/L	0.755	0.603	—	0.907	0.050
	BS-230 <sup>5</sup>	U/L	43.7	34.9	—	52.5	2.9	BS-600 <sup>15</sup>	U/L	45.2	36.1	—	54.3	3.0
		μkat/L	0.730	0.583	—	0.877	0.048		μkat/L	0.755	0.603	—	0.907	0.050
	BS-240E <sup>6</sup>	U/L	44.2	35.3	—	53.1	3.0	BS-600M <sup>16</sup>	U/L	44.7	35.7	—	53.7	3.0
		μkat/L	0.738	0.590	—	0.887	0.050		μkat/L	0.746	0.596	—	0.897	0.050
	BS-300 <sup>7</sup>	U/L	44.5	35.6	—	53.4	3.0	BS-620M <sup>17</sup>	U/L	44.7	35.7	—	53.7	3.0
		μkat/L	0.743	0.595	—	0.892	0.050		μkat/L	0.746	0.596	—	0.897	0.050
	BS-330 <sup>8</sup>	U/L	/	/	—	/	/	BS-800 <sup>18</sup>	U/L	45.2	36.1	—	54.3	3.0
		μkat/L	/	/	—	/	/		μkat/L	0.755	0.603	—	0.907	0.050
	BS-330E <sup>9</sup>	U/L	45.4	36.3	—	54.5	3.0	BS-2000 <sup>19</sup>	U/L	44.6	35.6	—	53.6	3.0
		μkat/L	0.758	0.606	—	0.910	0.050		μkat/L	0.745	0.595	—	0.895	0.050
	BS-360E <sup>10</sup>	U/L	44.2	35.3	—	53.1	3.0	BS-2800M <sup>20</sup>	U/L	44.9	35.9	—	53.9	3.0
		μkat/L	0.738	0.590	—	0.887	0.050		μkat/L	0.750	0.600	—	0.900	0.050
CHE	BS-200 <sup>3</sup>	U/L	5817	4648	—	6986	390	BS-400 <sup>12</sup>	U/L	5880	4698	—	7062	394
		μkat/L	97.1	77.6	—	116.7	6.5		μkat/L	98.2	78.5	—	117.9	6.6
	BS-200E <sup>4</sup>	U/L	5650	4514	—	6786	379	BS-430 <sup>13</sup>	U/L	5943	4748	—	7138	398
		μkat/L	94.4	75.4	—	113.3	6.3		μkat/L	99.2	79.3	—	119.2	6.6
	BS-230 <sup>5</sup>	U/L	5843	4669	—	7017	391	BS-480 <sup>14</sup>	U/L	5866	4687	—	7045	393
		μkat/L	97.6	78.0	—	117.2	6.5		μkat/L	98.0	78.3	—	117.7	6.6
	BS-240E <sup>6</sup>	U/L	5811	4643	—	6979	389	BS-600 <sup>15</sup>	U/L	5943	4748	—	7138	398
		μkat/L	97.0	77.5	—	116.5	6.5		μkat/L	99.2	79.3	—	119.2	6.6
	BS-300 <sup>7</sup>	U/L	5792	4628	—	6956	388	BS-600M <sup>16</sup>	U/L	5886	4703	—	7069	394
		μkat/L	96.7	77.3	—	116.2	6.5		μkat/L	98.3	78.5	—	118.1	6.6
	BS-330 <sup>8</sup>	U/L	/	/	—	/	/	BS-620M <sup>17</sup>	U/L	5886	4703	—	7069	394
		μkat/L	/	/	—	/	/		μkat/L	98.3	78.5	—	118.1	6.6
	BS-330E <sup>9</sup>	U/L	5650	4514	—	6786	379	BS-800 <sup>18</sup>	U/L	5943	4748	—	7138	398
		μkat/L	94.4	75.4	—	113.3	6.3		μkat/L	99.2	79.3	—	119.2	6.6
	BS-360E <sup>10</sup>	U/L	5806	4639	—	6973	389	BS-2000 <sup>19</sup>	U/L	5902	4716	—	7088	395
		μkat/L	97.0	77.5	—	116.4	6.5		μkat/L	98.6	78.8	—	118.4	6.6
	BS-380 <sup>11</sup>	U/L	5880	4698	—	7062	394	BS-2800M <sup>20</sup>	U/L	5886	4703	—	7069	394
		μkat/L	98.2	78.5	—	117.9	6.6		μkat/L	98.3	78.5	—	118.1	6.6

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	19.7	15.7	—	23.7	1.3	<b>BS-380</b> <sup>11</sup>	μmol/L	19.7	15.7	—	23.7	1.3	
		mg/L	1.10	0.88	—	1.33	0.07		mg/L	1.10	0.88	—	1.33	0.07	
	<b>BS-180</b> <sup>2</sup>	μmol/L	19.7	15.7	—	23.7	1.3	<b>BS-400</b> <sup>12</sup>	μmol/L	19.4	15.5	—	23.3	1.3	
		mg/L	1.10	0.88	—	1.33	0.07		mg/L	1.09	0.87	—	1.30	0.07	
	<b>BS-200</b> <sup>3</sup>	μmol/L	19.5	15.6	—	23.4	1.3	<b>BS-430</b> <sup>13</sup>	μmol/L	19.4	15.5	—	23.3	1.3	
		mg/L	1.09	0.87	—	1.31	0.07		mg/L	1.09	0.87	—	1.30	0.07	
	<b>BS-200E</b> <sup>4</sup>	μmol/L	19.4	15.5	—	23.3	1.3	<b>BS-480</b> <sup>14</sup>	μmol/L	19.4	15.5	—	23.3	1.3	
		mg/L	1.09	0.87	—	1.30	0.07		mg/L	1.09	0.87	—	1.30	0.07	
	<b>BS-230</b> <sup>5</sup>	μmol/L	19.5	15.6	—	23.4	1.3	<b>BS-600</b> <sup>15</sup>	μmol/L	19.4	15.5	—	23.3	1.3	
		mg/L	1.09	0.87	—	1.31	0.07		mg/L	1.09	0.87	—	1.30	0.07	
	<b>BS-240E</b> <sup>6</sup>	μmol/L	19.3	15.4	—	23.2	1.3	<b>BS-600M</b> <sup>16</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-300</b> <sup>7</sup>	μmol/L	19.8	15.8	—	23.8	1.3	<b>BS-620M</b> <sup>17</sup>	μmol/L	19.3	15.4	—	23.2	1.3	
		mg/L	1.11	0.88	—	1.33	0.07		mg/L	1.08	0.86	—	1.30	0.07	
	<b>BS-330</b> <sup>8</sup>	μmol/L	19.5	15.6	—	23.4	1.3	<b>BS-800</b> <sup>18</sup>	μmol/L	19.5	15.6	—	23.4	1.3	
		mg/L	1.09	0.87	—	1.31	0.07		mg/L	1.09	0.87	—	1.31	0.07	
	<b>BS-330E</b> <sup>9</sup>	μmol/L	19.4	15.5	—	23.3	1.3	<b>BS-2000</b> <sup>19</sup>	μmol/L	19.2	15.3	—	23.1	1.3	
		mg/L	1.09	0.87	—	1.30	0.07		mg/L	1.08	0.86	—	1.29	0.07	
<b>BS-360E</b> <sup>10</sup>	μmol/L	19.5	15.6	—	23.4	1.3	<b>BS-2800M</b> <sup>20</sup>	μmol/L	19.6	15.7	—	23.5	1.3		
	mg/L	1.09	0.87	—	1.31	0.07		mg/L	1.10	0.88	—	1.32	0.07		
<b>UIBC</b>	<b>BS-230</b> <sup>5</sup>	μmol/L	32.2	25.7	—	38.7	2.2	<b>BS-600</b> <sup>15</sup>	μmol/L	31.3	25.0	—	37.6	2.1	
		μg/dL	180	144	—	216	12		μg/dL	175	140	—	210	12	
	<b>BS-240E</b> <sup>6</sup>	μmol/L	34.4	27.5	—	41.3	2.3	<b>BS-600M</b> <sup>16</sup>	μmol/L	33.2	26.5	—	39.9	2.2	
		μg/dL	192	154	—	231	13		μg/dL	186	148	—	223	12	
	<b>BS-360E</b> <sup>10</sup>	μmol/L	34.4	27.5	—	41.3	2.3	<b>BS-620M</b> <sup>17</sup>	μmol/L	33.2	26.5	—	39.9	2.2	
		μg/dL	192	154	—	231	13		μg/dL	186	148	—	223	12	
	<b>BS-380</b> <sup>11</sup>	μmol/L	34.0	27.2	—	40.8	2.3	<b>BS-800</b> <sup>18</sup>	μmol/L	31.3	25.0	—	37.6	2.1	
		μg/dL	190	152	—	228	13		μg/dL	175	140	—	210	12	
	<b>BS-400</b> <sup>12</sup>	μmol/L	34.0	27.2	—	40.8	2.3	<b>BS-2000</b> <sup>19</sup>	μmol/L	31.7	25.3	—	38.1	2.1	
		μg/dL	190	152	—	228	13		μg/dL	177	141	—	213	12	
	<b>BS-430</b> <sup>13</sup>	μmol/L	31.3	25.0	—	37.6	2.1	<b>BS-2800M</b> <sup>20</sup>	μmol/L	31.2	24.9	—	37.5	2.1	
		μg/dL	175	140	—	210	12		μg/dL	174	139	—	210	12	
	<b>BS-480</b> <sup>14</sup>	μmol/L	34.8	27.8	—	41.8	2.3								
		μg/dL	195	155	—	234	13								
	<b>ASOII</b>	<b>BS-200E</b> <sup>4</sup>	IU/mL	118	77	—	159	14	<b>BS-480</b> <sup>14</sup>	IU/mL	118	77	—	159	14
		<b>BS-230</b> <sup>5</sup>	IU/mL	120	78	—	162	14	<b>BS-600</b> <sup>15</sup>	IU/mL	118	77	—	159	14
		<b>BS-240E</b> <sup>6</sup>	IU/mL	118	77	—	159	14	<b>BS-600M</b> <sup>16</sup>	IU/mL	115	75	—	155	13
		<b>BS-360E</b> <sup>10</sup>	IU/mL	118	77	—	159	14	<b>BS-620M</b> <sup>17</sup>	IU/mL	115	75	—	155	13
<b>BS-380</b> <sup>11</sup>		IU/mL	118	77	—	159	14	<b>BS-800</b> <sup>18</sup>	IU/mL	118	77	—	159	14	
<b>BS-400</b> <sup>12</sup>		IU/mL	118	77	—	159	14	<b>BS-2000</b> <sup>19</sup>	IU/mL	117	76	—	158	14	
<b>BS-430</b> <sup>13</sup>		IU/mL	118	77	—	159	14	<b>BS-2800M</b> <sup>20</sup>	IU/mL	115	75	—	155	13	
<b>FER</b>	<b>BS-200E</b> <sup>4</sup>	ng/mL	93.1	79.1	—	107.1	4.7	<b>BS-480</b> <sup>14</sup>	ng/mL	90.0	76.5	—	103.5	4.5	
		pmol/L	209	178	—	241	11		pmol/L	202	172	—	233	10	
	<b>BS-230</b> <sup>5</sup>	ng/mL	91.5	77.8	—	105.2	4.6	<b>BS-600</b> <sup>15</sup>	ng/mL	90.0	76.5	—	103.5	4.5	
		pmol/L	206	175	—	236	10		pmol/L	202	172	—	233	10	
	<b>BS-240E</b> <sup>6</sup>	ng/mL	90.0	76.5	—	103.5	4.5	<b>BS-600M</b> <sup>16</sup>	ng/mL	87.9	74.7	—	101.1	4.4	
		pmol/L	202	172	—	233	10		pmol/L	198	168	—	227	10	
	<b>BS-360E</b> <sup>10</sup>	ng/mL	90.0	76.5	—	103.5	4.5	<b>BS-620M</b> <sup>17</sup>	ng/mL	87.9	74.7	—	101.1	4.4	
		pmol/L	202	172	—	233	10		pmol/L	198	168	—	227	10	
	<b>BS-380</b> <sup>11</sup>	ng/mL	93.1	79.1	—	107.1	4.7	<b>BS-800</b> <sup>18</sup>	ng/mL	90.0	76.5	—	103.5	4.5	
		pmol/L	209	178	—	241	11		pmol/L	202	172	—	233	10	
	<b>BS-400</b> <sup>12</sup>	ng/mL	93.1	79.1	—	107.1	4.7	<b>BS-2000</b> <sup>19</sup>	ng/mL	87.8	74.6	—	101.0	4.4	
		pmol/L	209	178	—	241	11		pmol/L	197	168	—	227	10	
<b>BS-430</b> <sup>13</sup>	ng/mL	90.0	76.5	—	103.5	4.5	<b>BS-2800M</b> <sup>20</sup>	ng/mL	87.9	74.7	—	101.1	4.4		
	pmol/L	202	172	—	233	10		pmol/L	198	168	—	227	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	6.09	4.26	—	7.92	0.61		
		nmol/L	/	/	—	/		nmol/L	58.0	40.6	—	75.4	5.8		
	BS-180 <sup>2</sup>	mg/L	/	/	—	/	BS-400 <sup>12</sup>	mg/L	6.04	4.23	—	7.85	0.60		
		nmol/L	/	/	—	/		nmol/L	57.5	40.3	—	74.7	5.7		
	BS-200 <sup>3</sup>	mg/L	/	/	—	/	BS-430 <sup>13</sup>	mg/L	6.12	4.28	—	7.96	0.61		
		nmol/L	/	/	—	/		nmol/L	58.3	40.7	—	75.8	5.8		
	BS-200E <sup>4</sup>	mg/L	6.61	4.63	—	8.59	0.66	BS-480 <sup>14</sup>	mg/L	6.07	4.25	—	7.89	0.61	
		nmol/L	62.9	44.1	—	81.8	6.3		nmol/L	57.8	40.5	—	75.1	5.8	
	BS-230 <sup>5</sup>	mg/L	5.96	4.17	—	7.75	0.60	BS-600 <sup>15</sup>	mg/L	6.07	4.25	—	7.89	0.61	
		nmol/L	56.7	39.7	—	73.8	5.7		nmol/L	57.8	40.5	—	75.1	5.8	
	BS-240E <sup>6</sup>	mg/L	7.09	4.96	—	9.22	0.71	BS-600M <sup>16</sup>	mg/L	6.07	4.25	—	7.89	0.61	
		nmol/L	67.5	47.2	—	87.8	6.8		nmol/L	57.8	40.5	—	75.1	5.8	
	BS-300 <sup>7</sup>	mg/L	6.09	4.26	—	7.92	0.61	BS-620M <sup>17</sup>	mg/L	6.07	4.25	—	7.89	0.61	
		nmol/L	58.0	40.6	—	75.4	5.8		nmol/L	57.8	40.5	—	75.1	5.8	
	BS-330 <sup>8</sup>	mg/L	/	/	—	/	/	BS-800 <sup>18</sup>	mg/L	6.07	4.25	—	7.89	0.61	
		nmol/L	/	/	—	/	/		nmol/L	57.8	40.5	—	75.1	5.8	
	BS-330E <sup>9</sup>	mg/L	6.61	4.63	—	8.59	0.66	BS-2000 <sup>19</sup>	mg/L	6.07	4.25	—	7.89	0.61	
		nmol/L	62.9	44.1	—	81.8	6.3		nmol/L	57.8	40.5	—	75.1	5.8	
	BS-360E <sup>10</sup>	mg/L	6.07	4.25	—	7.89	0.61	BS-2800M <sup>20</sup>	mg/L	6.07	4.25	—	7.89	0.61	
		nmol/L	57.8	40.5	—	75.1	5.8		nmol/L	57.8	40.5	—	75.1	5.8	
<b>TRF</b>	BS-120 <sup>1</sup>	g/L	2.00	1.70	—	2.30	0.10	BS-430 <sup>13</sup>	g/L	2.06	1.75	—	2.37	0.10	
		μmol/L	25.2	21.4	—	29.0	1.3		μmol/L	26.0	22.1	—	29.9	1.3	
	BS-180 <sup>2</sup>	g/L	/	/	—	/	/	BS-480 <sup>14</sup>	g/L	2.06	1.75	—	2.37	0.10	
		μmol/L	/	/	—	/	/		μmol/L	26.0	22.1	—	29.9	1.3	
	BS-200 <sup>3</sup>	g/L	2.01	1.71	—	2.31	0.10	BS-600 <sup>15</sup>	g/L	2.01	1.71	—	2.31	0.10	
		μmol/L	25.3	21.5	—	29.1	1.3		μmol/L	25.3	21.5	—	29.1	1.3	
	BS-200E <sup>4</sup>	g/L	2.09	1.78	—	2.40	0.10	BS-600M <sup>16</sup>	g/L	2.02	1.72	—	2.32	0.10	
		μmol/L	26.3	22.4	—	30.2	1.3		μmol/L	25.5	21.7	—	29.2	1.3	
	BS-230 <sup>5</sup>	g/L	1.98	1.68	—	2.28	0.10	BS-620M <sup>17</sup>	g/L	2.02	1.72	—	2.32	0.10	
		μmol/L	24.9	21.2	—	28.7	1.3		μmol/L	25.5	21.7	—	29.2	1.3	
	BS-240E <sup>6</sup>	g/L	2.02	1.72	—	2.32	0.10	BS-800 <sup>18</sup>	g/L	2.06	1.75	—	2.37	0.10	
		μmol/L	25.5	21.7	—	29.2	1.3		μmol/L	26.0	22.1	—	29.9	1.3	
	BS-360E <sup>10</sup>	g/L	2.02	1.72	—	2.32	0.10	BS-2000 <sup>19</sup>	g/L	1.99	1.69	—	2.29	0.10	
		μmol/L	25.5	21.7	—	29.2	1.3		μmol/L	25.1	21.3	—	28.9	1.3	
	BS-380 <sup>11</sup>	g/L	2.09	1.78	—	2.40	0.10	BS-2800M <sup>20</sup>	g/L	2.02	1.72	—	2.32	0.10	
		μmol/L	26.3	22.4	—	30.2	1.3		μmol/L	25.5	21.7	—	29.2	1.3	
	BS-400 <sup>12</sup>	g/L	2.09	1.78	—	2.40	0.10								
		μmol/L	26.3	22.4	—	30.2	1.3								
	<b>Na<sup>+</sup></b>	BS-120 <sup>1</sup>	mmol/L	122	110	—	134	4	BS-380 <sup>11</sup>	mmol/L	122	110	—	134	4
		BS-180 <sup>2</sup>	mmol/L	122	110	—	134	4	BS-400 <sup>12</sup>	mmol/L	122	110	—	134	4
BS-200 <sup>3</sup>		mmol/L	122	110	—	134	4	BS-430 <sup>13</sup>	mmol/L	122	110	—	134	4	
BS-200E <sup>4</sup>		mmol/L	122	110	—	134	4	BS-480 <sup>14</sup>	mmol/L	123	111	—	135	4	
BS-230 <sup>5</sup>		mmol/L	122	110	—	134	4	BS-600 <sup>15</sup>	mmol/L	119	107	—	131	4	
BS-240E <sup>6</sup>		mmol/L	119	107	—	131	4	BS-600M <sup>16</sup>	mmol/L	120	108	—	132	4	
BS-300 <sup>7</sup>		mmol/L	122	110	—	134	4	BS-620M <sup>17</sup>	mmol/L	120	108	—	132	4	
BS-330 <sup>8</sup>		mmol/L	122	110	—	134	4	BS-800 <sup>18</sup>	mmol/L	112	101	—	123	4	
BS-330E <sup>9</sup>		mmol/L	122	110	—	134	4	BS-2000 <sup>19</sup>	mmol/L	112	101	—	123	4	
BS-360E <sup>10</sup>		mmol/L	122	110	—	134	4	BS-2800M <sup>20</sup>	mmol/L	112	101	—	123	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>	BS-120 <sup>1</sup>	mmol/L	3.68	3.32	—	4.04	0.12	BS-380 <sup>11</sup>	mmol/L	3.68	3.32	—	4.04	0.12
	BS-180 <sup>2</sup>	mmol/L	3.68	3.32	—	4.04	0.12	BS-400 <sup>12</sup>	mmol/L	3.68	3.32	—	4.04	0.12
	BS-200 <sup>3</sup>	mmol/L	3.68	3.32	—	4.04	0.12	BS-430 <sup>13</sup>	mmol/L	3.67	3.31	—	4.03	0.12
	BS-200E <sup>4</sup>	mmol/L	3.68	3.32	—	4.04	0.12	BS-480 <sup>14</sup>	mmol/L	3.71	3.34	—	4.08	0.12
	BS-230 <sup>5</sup>	mmol/L	3.68	3.32	—	4.04	0.12	BS-600 <sup>15</sup>	mmol/L	3.61	3.25	—	3.97	0.12
	BS-240E <sup>6</sup>	mmol/L	3.62	3.26	—	3.98	0.12	BS-600M <sup>16</sup>	mmol/L	3.88	3.50	—	4.26	0.13
	BS-300 <sup>7</sup>	mmol/L	3.68	3.32	—	4.04	0.12	BS-620M <sup>17</sup>	mmol/L	3.88	3.50	—	4.26	0.13
	BS-330 <sup>8</sup>	mmol/L	3.68	3.32	—	4.04	0.12	BS-800 <sup>18</sup>	mmol/L	3.54	3.19	—	3.89	0.12
	BS-330E <sup>9</sup>	mmol/L	3.68	3.32	—	4.04	0.12	BS-2000 <sup>19</sup>	mmol/L	3.54	3.19	—	3.89	0.12
	BS-360E <sup>10</sup>	mmol/L	3.68	3.32	—	4.04	0.12	BS-2800M <sup>20</sup>	mmol/L	3.55	3.20	—	3.90	0.12
Cl <sup>-</sup>	BS-120 <sup>1</sup>	mmol/L	88.4	79.6	—	97.2	2.9	BS-380 <sup>11</sup>	mmol/L	89.3	80.5	—	98.1	2.9
	BS-180 <sup>2</sup>	mmol/L	88.4	79.6	—	97.2	2.9	BS-400 <sup>12</sup>	mmol/L	88.4	79.6	—	97.2	2.9
	BS-200 <sup>3</sup>	mmol/L	88.4	79.6	—	97.2	2.9	BS-430 <sup>13</sup>	mmol/L	88.3	79.6	—	97.0	2.9
	BS-200E <sup>4</sup>	mmol/L	88.4	79.6	—	97.2	2.9	BS-480 <sup>14</sup>	mmol/L	90.3	81.4	—	99.2	3.0
	BS-230 <sup>5</sup>	mmol/L	88.4	79.6	—	97.2	2.9	BS-600 <sup>15</sup>	mmol/L	84.9	76.5	—	93.3	2.8
	BS-240E <sup>6</sup>	mmol/L	87.4	78.7	—	96.1	2.9	BS-600M <sup>16</sup>	mmol/L	90.3	81.4	—	99.2	3.0
	BS-300 <sup>7</sup>	mmol/L	88.4	79.6	—	97.2	2.9	BS-620M <sup>17</sup>	mmol/L	90.3	81.4	—	99.2	3.0
	BS-330 <sup>8</sup>	mmol/L	88.4	79.6	—	97.2	2.9	BS-800 <sup>18</sup>	mmol/L	88.5	79.7	—	97.3	2.9
	BS-330E <sup>9</sup>	mmol/L	88.4	79.6	—	97.2	2.9	BS-2000 <sup>19</sup>	mmol/L	88.5	79.7	—	97.3	2.9
	BS-360E <sup>10</sup>	mmol/L	88.4	79.6	—	97.2	2.9	BS-2800M <sup>20</sup>	mmol/L	88.6	79.8	—	97.4	2.9