

## Value sheet of Mindray BS Measurement System

Русский : Таблица результатов для системы BS компании Mindray

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

Español : Hoja de valores del sistema de medición Mindray BS

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

Türkçe : Mindray BS Ölçüm Sistemi'nin değer sayfası

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

The data of each group is same.

Português : A dados de cada grupo é a mesma.

Italiano : la dati di ogni gruppo è la stessa.

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

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

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

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

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

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

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

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

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

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

Русский : Данные совпадают во всех группах.

Español : la datos de cada grupo es la misma.

Türkçe : her grubun veri aynıdır.

10. **BS-360E:** BS-360E, BS-370E, BS-350S, BS-360S, **BS-330E(V35.00)**(Serial Number starts with "W8-" and software version starts with "35.00"), **BS-350E(V35.00)** (Serial Number starts with "W9-" and software version starts with "35.00");

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

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

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

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

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

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

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

18. **BS-800:** BS-800, BS-820, BS-800M, BS-820M, BS-1800, BS-1800plus;

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

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

**LOT** : 059322010

**EXP** : 2024-08-23

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

	ALB	ALP	ALT	α-AMY	AST
English	Albumin	Alkaline Phosphatase	Alanine Aminotransferase	α-Amylase	Aspartate Aminotransferase
Русский	Альбумин	Щелочная фосфатаза	Аланинаминотрансфераза	Альфа-амилаза	Аспартатаминотрансфераза
Português	Albumina	Fosfatase Alcalina	Alanina Aminotransferase	α-Amilase	Aspartato Aminotransferase
Español	Albúmina	Fosfatasa alcalina	Alanina aminotransferasa	α-amilasa	Aspartato aminotransferasa
Italiano	Albumina	Fosfatasi alcalina	Alanina aminotransferasi	α-amilasi	Aspartato aminotransferasi
Türkçe	Albümin	Alkalın 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-Hidroxitbutirato Desidrogenase	Apolipoproteína A1	Apolipoproteína B	complemento C3

<b>Español</b>	Gamma-Glutamiltransferasa	α-hidroxibutirato deshidrogenasa	Apolipoproteína A1	Apolipoproteína B	complemento C3					
<b>Italiano</b>	Gamma-glutamilttransferasi	α-idrossibutirrato deidrogenasi	Apolipoproteina A1	Apolipoproteina B	complemento C3					
<b>Türkçe</b>	Gama-Glutamilttransferaz	α-Hidroksibütirat Dehidrogenaz	Apolipoprotein A1	Apolipoprotein B	Kompleman C3					
	<b>C4</b>	<b>CRP</b>	<b>IgA</b>	<b>IgG</b>	<b>IgM</b>					
<b>English</b>	Complement C4	C- Reactive protein	Immunoglobulin A	Immunoglobulin G	Immunoglobulin M					
<b>Русский</b>	Комплемент C4	C-реактивный белок	Иммуноглобулин A	Иммуноглобулин G	Иммуноглобулин M					
<b>Português</b>	complemento C4	proteína C-reativa	Imunoglobulina A	Imunoglobulina G	Imunoglobulina M					
<b>Español</b>	complemento C4	proteína C reactiva	Immunoglobulina A	Immunoglobulina G	Immunoglobulina M					
<b>Italiano</b>	complemento C4	proteina C-reattiva	Immunoglobulina A	Immunoglobulina G	Immunoglobulina M					
<b>Türkçe</b>	Kompleman C4	C-Reaktif proteini	İmmünoglobulin A	İmmünoglobulin G	İmmünoglobulin M					
	<b>PA</b>	<b>LDH</b>	<b>Mg</b>	<b>P</b>	<b>TP</b>					
<b>English</b>	Prealbumin	Lactate Dehydrogenase	Magnesium	Phosphorus	Total Protein					
<b>Русский</b>	преальбумина	Лактатдегидрогеназа	Магний	Фосфор	Общий белок					
<b>Português</b>	pré-albumina	Lactato Desidrogenase	Magnésio	Fósforo	Proteína Total					
<b>Español</b>	Prealbúmina	Lactato deshidrogenasa	Magnesio	Fósforo	Proteínas totales					
<b>Italiano</b>	prealbumina	Lattato deidrogenasi	Magnesio	Fosforo	Proteina totale					
<b>Türkçe</b>	Prealbümin	Laktat Dehidrogenaz	Magnezyum	Fosfor	Total Protein					
	<b>TG</b>	<b>UA</b>	<b>Urea</b>	<b>LIP</b>	<b>CHE</b>					
<b>English</b>	Triglycerides	Uric Acid	Urea	Lipase	Cholinesterase					
<b>Русский</b>	Триглицериды	Мочевая кислота	Мочевина	Липаза	Холинэстераза					
<b>Português</b>	Triglicédeos	Ácido Úrico	Ureia	Lipase	Colinesterase					
<b>Español</b>	Triglicéridos	Ácido úrico	Urea	Lipasa	Colinesterasa					
<b>Italiano</b>	Trigliceridi	Acido urico	Urea	Lipasi	Colinesterasi					
<b>Türkçe</b>	Trigliseritler	Ürik Asit	Üre	Lipaz	Kolinesteraz					
	<b>Fe</b>	<b>UIBC</b>	<b>ASO</b>	<b>FER</b>	<b>TRF</b>					
<b>English</b>	Iron	Unsaturated Iron Binding Capacity	Antistreptolysin "O"	Ferritin	Transferrin					
<b>Русский</b>	Железо	ненасыщенная железосвязывающая способность	антистрептолизина O	ферритина	трансферрина					
<b>Português</b>	Ferro	Capacidade de ligação de ferro insaturado	Antiestreptolisina "O"	Ferritina	Transferrina					
<b>Español</b>	Hierro	Capacidad de unión de hierro no saturado	antiestreptolisina "O"	Ferritina	Transferrina					
<b>Italiano</b>	Ferro	Capacità di legame del ferro insaturo	Anti-Streptolisina "O"	Ferritina	Transferrina					
<b>Türkçe</b>	Demir	Unsature Demir Bağlama Kapasitesi	Antistreptolisın "O"	Ferritin	Transferin					
	<b>Na<sup>+</sup></b>	<b>K<sup>+</sup></b>	<b>Cl<sup>-</sup></b>							
<b>English</b>	Sodium	Potassium	Chlorine							
<b>Русский</b>	Натрий	Калий	Хлориды							
<b>Português</b>	Sódio	Potássio	Cloro							
<b>Español</b>	Sodio	Potasio	Cloro							
<b>Italiano</b>	Sodio	Potassio	Cloro							
<b>Türkçe</b>	Sodyum	Potasyum	Klor							
<b>Abbreviated name</b>	<b>Model</b>	<b>Unit</b>	<b>Assay Value</b>	<b>Range(Assay Value±3SD)</b>	<b>1 SD</b>	<b>Model</b>	<b>Unit</b>	<b>Assay Value</b>	<b>Range(Assay Value±3SD)</b>	<b>1 SD</b>
<b>ALB II</b>	<b>BS-120</b> <sup>1</sup>	g/L	31.6	26.9 — 36.3	1.6	<b>BS-380</b> <sup>11</sup>	g/L	31.7	26.9 — 36.5	1.6
		μmol/L	480	409 — 552	24		μmol/L	482	409 — 555	24
	<b>BS-180</b> <sup>2</sup>	g/L	31.6	26.9 — 36.3	1.6	<b>BS-400</b> <sup>12</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-200</b> <sup>3</sup>	g/L	32.1	27.3 — 36.9	1.6	<b>BS-430</b> <sup>13</sup>	g/L	32.3	27.5 — 37.1	1.6
		μmol/L	488	415 — 561	24		μmol/L	491	418 — 564	24
	<b>BS-200E</b> <sup>4</sup>	g/L	32.0	27.2 — 36.8	1.6	<b>BS-480</b> <sup>14</sup>	g/L	32.6	27.7 — 37.5	1.6
		μmol/L	486	413 — 559	24		μmol/L	496	421 — 570	24
	<b>BS-230</b> <sup>5</sup>	g/L	31.7	26.9 — 36.5	1.6	<b>BS-600</b> <sup>15</sup>	g/L	31.9	27.1 — 36.7	1.6
		μmol/L	482	409 — 555	24		μmol/L	485	412 — 558	24
	<b>BS-240E</b> <sup>6</sup>	g/L	32.1	27.3 — 36.9	1.6	<b>BS-600M</b> <sup>16</sup>	g/L	32.7	27.8 — 37.6	1.6
		μmol/L	488	415 — 561	24		μmol/L	497	423 — 572	24
	<b>BS-300</b> <sup>7</sup>	g/L	32.2	27.4 — 37.0	1.6	<b>BS-620M</b> <sup>17</sup>	g/L	32.7	27.8 — 37.6	1.6
		μmol/L	489	416 — 562	24		μmol/L	497	423 — 572	24
	<b>BS-330</b> <sup>8</sup>	g/L	32.1	27.3 — 36.9	1.6	<b>BS-800</b> <sup>18</sup>	g/L	32.1	27.3 — 36.9	1.6
		μmol/L	488	415 — 561	24		μmol/L	488	415 — 561	24
<b>BS-330E</b> <sup>9</sup>	g/L	32.0	27.2 — 36.8	1.6	<b>BS-2000</b> <sup>19</sup>	g/L	32.1	27.3 — 36.9	1.6	
	μmol/L	486	413 — 559	24		μmol/L	488	415 — 561	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	32.7	27.8 — 37.6	1.6	
	μmol/L	477	406 — 549	24		μmol/L	497	423 — 572	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	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-180 <sup>2</sup>	U/L	101	86	—	116	5	BS-400 <sup>12</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-200 <sup>3</sup>	U/L	101	86	—	116	5	BS-430 <sup>13</sup>	U/L	104	88	—	120	5
		µkat/L	1.69	1.44	—	1.94	0.08		µkat/L	1.74	1.47	—	2.00	0.08
	BS-200E <sup>4</sup>	U/L	105	89	—	121	5	BS-480 <sup>14</sup>	U/L	102	87	—	117	5
		µkat/L	1.75	1.49	—	2.02	0.08		µkat/L	1.70	1.45	—	1.95	0.08
	BS-230 <sup>5</sup>	U/L	99.6	84.7	—	114.5	5.0	BS-600 <sup>15</sup>	U/L	103	88	—	118	5
		µkat/L	1.67	1.42	—	1.92	0.08		µkat/L	1.72	1.47	—	1.97	0.08
	BS-240E <sup>6</sup>	U/L	102	87	—	117	5	BS-600M <sup>16</sup>	U/L	104	88	—	120	5
		µkat/L	1.70	1.45	—	1.95	0.08		µkat/L	1.74	1.47	—	2.00	0.08
	BS-300 <sup>7</sup>	U/L	101	86	—	116	5	BS-620M <sup>17</sup>	U/L	104	88	—	120	5
		µkat/L	1.69	1.44	—	1.94	0.08		µkat/L	1.74	1.47	—	2.00	0.08
	BS-330 <sup>8</sup>	U/L	101	86	—	116	5	BS-800 <sup>18</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-330E <sup>9</sup>	U/L	105	89	—	121	5	BS-2000 <sup>19</sup>	U/L	103	88	—	118	5
		µkat/L	1.75	1.49	—	2.02	0.08		µkat/L	1.72	1.47	—	1.97	0.08
	BS-360E <sup>10</sup>	U/L	101	86	—	116	5	BS-2800M <sup>20</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
ALT	BS-120 <sup>1</sup>	U/L	63.6	54.1	—	73.1	3.2	BS-380 <sup>11</sup>	U/L	64.2	54.6	—	73.8	3.2
		µkat/L	1.06	0.90	—	1.22	0.05		µkat/L	1.07	0.91	—	1.23	0.05
	BS-180 <sup>2</sup>	U/L	63.6	54.1	—	73.1	3.2	BS-400 <sup>12</sup>	U/L	64.2	54.6	—	73.8	3.2
		µkat/L	1.06	0.90	—	1.22	0.05		µkat/L	1.07	0.91	—	1.23	0.05
	BS-200 <sup>3</sup>	U/L	63.6	54.1	—	73.1	3.2	BS-430 <sup>13</sup>	U/L	63.0	53.6	—	72.5	3.2
		µkat/L	1.06	0.90	—	1.22	0.05		µkat/L	1.05	0.90	—	1.21	0.05
	BS-200E <sup>4</sup>	U/L	63.8	54.2	—	73.4	3.2	BS-480 <sup>14</sup>	U/L	64.9	55.2	—	74.6	3.2
		µkat/L	1.07	0.91	—	1.23	0.05		µkat/L	1.08	0.92	—	1.25	0.05
	BS-230 <sup>5</sup>	U/L	63.9	54.3	—	73.5	3.2	BS-600 <sup>15</sup>	U/L	63.0	53.6	—	72.5	3.2
		µkat/L	1.07	0.91	—	1.23	0.05		µkat/L	1.05	0.90	—	1.21	0.05
	BS-240E <sup>6</sup>	U/L	63.9	54.3	—	73.5	3.2	BS-600M <sup>16</sup>	U/L	63.8	54.2	—	73.4	3.2
		µkat/L	1.07	0.91	—	1.23	0.05		µkat/L	1.07	0.91	—	1.23	0.05
	BS-300 <sup>7</sup>	U/L	64.0	54.4	—	73.6	3.2	BS-620M <sup>17</sup>	U/L	63.8	54.2	—	73.4	3.2
		µkat/L	1.07	0.91	—	1.23	0.05		µkat/L	1.07	0.91	—	1.23	0.05
	BS-330 <sup>8</sup>	U/L	63.6	54.1	—	73.1	3.2	BS-800 <sup>18</sup>	U/L	63.0	53.6	—	72.5	3.2
		µkat/L	1.06	0.90	—	1.22	0.05		µkat/L	1.05	0.90	—	1.21	0.05
	BS-330E <sup>9</sup>	U/L	63.8	54.2	—	73.4	3.2	BS-2000 <sup>19</sup>	U/L	63.4	53.9	—	72.9	3.2
		µkat/L	1.07	0.91	—	1.23	0.05		µkat/L	1.06	0.90	—	1.22	0.05
	BS-360E <sup>10</sup>	U/L	63.5	54.0	—	73.0	3.2	BS-2800M <sup>20</sup>	U/L	63.8	54.2	—	73.4	3.2
		µkat/L	1.06	0.90	—	1.22	0.05		µkat/L	1.07	0.91	—	1.23	0.05
α-AMY	BS-120 <sup>1</sup>	U/L	82.2	69.9	—	94.5	4.1	BS-380 <sup>11</sup>	U/L	83.8	71.2	—	96.4	4.2
		µkat/L	1.37	1.17	—	1.58	0.07		µkat/L	1.40	1.19	—	1.61	0.07
	BS-180 <sup>2</sup>	U/L	82.2	69.9	—	94.5	4.1	BS-400 <sup>12</sup>	U/L	83.8	71.2	—	96.4	4.2
		µkat/L	1.37	1.17	—	1.58	0.07		µkat/L	1.40	1.19	—	1.61	0.07
	BS-200 <sup>3</sup>	U/L	84.0	71.4	—	96.6	4.2	BS-430 <sup>13</sup>	U/L	84.2	71.6	—	96.8	4.2
		µkat/L	1.40	1.19	—	1.61	0.07		µkat/L	1.41	1.20	—	1.62	0.07
	BS-200E <sup>4</sup>	U/L	85.4	72.6	—	98.2	4.3	BS-480 <sup>14</sup>	U/L	85.0	72.3	—	97.8	4.3
		µkat/L	1.43	1.21	—	1.64	0.07		µkat/L	1.42	1.21	—	1.63	0.07
	BS-230 <sup>5</sup>	U/L	84.2	71.6	—	96.8	4.2	BS-600 <sup>15</sup>	U/L	83.2	70.7	—	95.7	4.2
		µkat/L	1.41	1.20	—	1.62	0.07		µkat/L	1.39	1.18	—	1.60	0.07
	BS-240E <sup>6</sup>	U/L	82.5	70.1	—	94.9	4.1	BS-600M <sup>16</sup>	U/L	84.5	71.8	—	97.2	4.2
		µkat/L	1.38	1.17	—	1.58	0.07		µkat/L	1.41	1.20	—	1.62	0.07
	BS-300 <sup>7</sup>	U/L	84.4	71.7	—	97.1	4.2	BS-620M <sup>17</sup>	U/L	84.5	71.8	—	97.2	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	84.0	71.4	—	96.6	4.2	BS-800 <sup>18</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-330E <sup>9</sup>	U/L	85.4	72.6	—	98.2	4.3	BS-2000 <sup>19</sup>	U/L	84.1	71.5	—	96.7	4.2
		µkat/L	1.43	1.21	—	1.64	0.07		µkat/L	1.40	1.19	—	1.61	0.07
	BS-360E <sup>10</sup>	U/L	83.6	71.1	—	96.1	4.2	BS-2800M <sup>20</sup>	U/L	84.5	71.8	—	97.2	4.2
		µkat/L	1.40	1.19	—	1.60	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>	BS-120 <sup>1</sup>	U/L	50.3	42.8	—	57.8	2.5	BS-380 <sup>11</sup>	U/L	48.9	41.6	—	56.2	2.4
		µkat/L	0.840	0.715	—	0.965	0.042		µkat/L	0.817	0.695	—	0.939	0.040
	BS-180 <sup>2</sup>	U/L	50.3	42.8	—	57.8	2.5	BS-400 <sup>12</sup>	U/L	48.9	41.6	—	56.2	2.4
		µkat/L	0.840	0.715	—	0.965	0.042		µkat/L	0.817	0.695	—	0.939	0.040
	BS-200 <sup>3</sup>	U/L	51.5	43.8	—	59.2	2.6	BS-430 <sup>13</sup>	U/L	51.2	43.5	—	58.9	2.6
		µkat/L	0.860	0.731	—	0.989	0.043		µkat/L	0.855	0.726	—	0.984	0.043
	BS-200E <sup>4</sup>	U/L	49.3	41.9	—	56.7	2.5	BS-480 <sup>14</sup>	U/L	51.2	43.5	—	58.9	2.6
		µkat/L	0.823	0.700	—	0.947	0.042		µkat/L	0.855	0.726	—	0.984	0.043
	BS-230 <sup>5</sup>	U/L	50.4	42.8	—	58.0	2.5	BS-600 <sup>15</sup>	U/L	51.2	43.5	—	58.9	2.6
		µkat/L	0.842	0.715	—	0.969	0.042		µkat/L	0.855	0.726	—	0.984	0.043
	BS-240E <sup>6</sup>	U/L	51.2	43.5	—	58.9	2.6	BS-600M <sup>16</sup>	U/L	50.7	43.1	—	58.3	2.5
		µkat/L	0.855	0.726	—	0.984	0.043		µkat/L	0.847	0.720	—	0.974	0.042
	BS-300 <sup>7</sup>	U/L	48.9	41.6	—	56.2	2.4	BS-620M <sup>17</sup>	U/L	50.7	43.1	—	58.3	2.5
		µkat/L	0.817	0.695	—	0.939	0.040		µkat/L	0.847	0.720	—	0.974	0.042
	BS-330 <sup>8</sup>	U/L	51.5	43.8	—	59.2	2.6	BS-800 <sup>18</sup>	U/L	51.2	43.5	—	58.9	2.6
		µkat/L	0.860	0.731	—	0.989	0.043		µkat/L	0.855	0.726	—	0.984	0.043
	BS-330E <sup>9</sup>	U/L	49.3	41.9	—	56.7	2.5	BS-2000 <sup>19</sup>	U/L	50.7	43.1	—	58.3	2.5
		µkat/L	0.823	0.700	—	0.947	0.042		µkat/L	0.847	0.720	—	0.974	0.042
	BS-360E <sup>10</sup>	U/L	51.2	43.5	—	58.9	2.6	BS-2800M <sup>20</sup>	U/L	50.7	43.1	—	58.3	2.5
		µkat/L	0.855	0.726	—	0.984	0.043		µkat/L	0.847	0.720	—	0.974	0.042
	BS-120 <sup>1</sup>	µmol/L	17.0	13.2	—	20.8	1.3	BS-380 <sup>11</sup>	µmol/L	16.9	13.1	—	20.7	1.3
		mg/dL	0.994	0.772	—	1.216	0.076		mg/dL	0.988	0.766	—	1.211	0.076
	BS-180 <sup>2</sup>	µmol/L	17.0	13.2	—	20.8	1.3	BS-400 <sup>12</sup>	µmol/L	16.7	12.9	—	20.5	1.3
		mg/dL	0.994	0.772	—	1.216	0.076		mg/dL	0.977	0.754	—	1.199	0.076
BS-200 <sup>3</sup>	µmol/L	16.9	13.1	—	20.7	1.3	BS-430 <sup>13</sup>	µmol/L	17.2	13.3	—	21.1	1.3	
	mg/dL	0.988	0.766	—	1.211	0.076		mg/dL	1.01	0.78	—	1.23	0.08	
BS-200E <sup>4</sup>	µmol/L	16.9	13.1	—	20.7	1.3	BS-480 <sup>14</sup>	µmol/L	16.9	13.1	—	20.7	1.3	
	mg/dL	0.988	0.766	—	1.211	0.076		mg/dL	0.988	0.766	—	1.211	0.076	
BS-230 <sup>5</sup>	µmol/L	16.9	13.1	—	20.7	1.3	BS-600 <sup>15</sup>	µmol/L	16.6	12.9	—	20.3	1.2	
	mg/dL	0.988	0.766	—	1.211	0.076		mg/dL	0.971	0.754	—	1.187	0.070	
BS-240E <sup>6</sup>	µmol/L	16.9	13.1	—	20.7	1.3	BS-600M <sup>16</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	
BS-300 <sup>7</sup>	µmol/L	16.6	12.9	—	20.3	1.2	BS-620M <sup>17</sup>	µmol/L	17.1	13.3	—	20.9	1.3	
	mg/dL	0.971	0.754	—	1.187	0.070		mg/dL	1.00	0.78	—	1.22	0.08	
BS-330 <sup>8</sup>	µmol/L	16.9	13.1	—	20.7	1.3	BS-800 <sup>18</sup>	µmol/L	17.2	13.3	—	21.1	1.3	
	mg/dL	0.988	0.766	—	1.211	0.076		mg/dL	1.01	0.78	—	1.23	0.08	
BS-330E <sup>9</sup>	µmol/L	16.9	13.1	—	20.7	1.3	BS-2000 <sup>19</sup>	µmol/L	16.9	13.1	—	20.7	1.3	
	mg/dL	0.988	0.766	—	1.211	0.076		mg/dL	0.988	0.766	—	1.211	0.076	
BS-360E <sup>10</sup>	µmol/L	16.9	13.1	—	20.7	1.3	BS-2800M <sup>20</sup>	µmol/L	17.3	13.4	—	21.2	1.3	
	mg/dL	0.988	0.766	—	1.211	0.076		mg/dL	1.01	0.78	—	1.24	0.08	
BS-120 <sup>1</sup>	µmol/L	10.9	8.4	—	13.4	0.8	BS-380 <sup>11</sup>	µmol/L	10.5	8.1	—	12.9	0.8	
	mg/dL	0.637	0.491	—	0.784	0.047		mg/dL	0.614	0.474	—	0.754	0.047	
BS-180 <sup>2</sup>	µmol/L	10.9	8.4	—	13.4	0.8	BS-400 <sup>12</sup>	µmol/L	10.7	8.3	—	13.1	0.8	
	mg/dL	0.637	0.491	—	0.784	0.047		mg/dL	0.626	0.485	—	0.766	0.047	
BS-200 <sup>3</sup>	µmol/L	10.6	8.2	—	13.0	0.8	BS-430 <sup>13</sup>	µmol/L	10.6	8.2	—	13.0	0.8	
	mg/dL	0.620	0.480	—	0.760	0.047		mg/dL	0.620	0.480	—	0.760	0.047	
BS-200E <sup>4</sup>	µmol/L	11.1	8.6	—	13.6	0.8	BS-480 <sup>14</sup>	µmol/L	10.3	8.0	—	12.6	0.8	
	mg/dL	0.649	0.503	—	0.795	0.047		mg/dL	0.602	0.468	—	0.737	0.047	
BS-230 <sup>5</sup>	µmol/L	11.2	8.7	—	13.7	0.8	BS-600 <sup>15</sup>	µmol/L	10.8	8.4	—	13.2	0.8	
	mg/dL	0.655	0.509	—	0.801	0.047		mg/dL	0.632	0.491	—	0.772	0.047	
BS-240E <sup>6</sup>	µmol/L	10.6	8.2	—	13.0	0.8	BS-600M <sup>16</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	
BS-300 <sup>7</sup>	µmol/L	10.8	8.4	—	13.2	0.8	BS-620M <sup>17</sup>	µmol/L	10.7	8.3	—	13.1	0.8	
	mg/dL	0.632	0.491	—	0.772	0.047		mg/dL	0.626	0.485	—	0.766	0.047	
BS-330 <sup>8</sup>	µmol/L	10.6	8.2	—	13.0	0.8	BS-800 <sup>18</sup>	µmol/L	10.6	8.2	—	13.0	0.8	
	mg/dL	0.620	0.480	—	0.760	0.047		mg/dL	0.620	0.480	—	0.760	0.047	
BS-330E <sup>9</sup>	µmol/L	11.1	8.6	—	13.6	0.8	BS-2000 <sup>19</sup>	µmol/L	10.6	8.2	—	13.0	0.8	
	mg/dL	0.649	0.503	—	0.795	0.047		mg/dL	0.620	0.480	—	0.760	0.047	
BS-360E <sup>10</sup>	µmol/L	10.9	8.4	—	13.4	0.8	BS-2800M <sup>20</sup>	µmol/L	10.7	8.3	—	13.1	0.8	
	mg/dL	0.637	0.491	—	0.784	0.047		mg/dL	0.626	0.485	—	0.766	0.047	

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

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>Bil-D (VOX)</b> Note: This reference value is only applicable to 140721003 and before batch reagents	BS-120 <sup>1</sup>	$\mu$ mol/L	12.2	9.5	—	14.9	0.9	BS-380 <sup>11</sup>	$\mu$ mol/L	12.1	9.4	—	14.8	0.9
		mg/dL	0.713	0.556	—	0.871	0.053		mg/dL	0.708	0.550	—	0.865	0.053
	BS-180 <sup>2</sup>	$\mu$ mol/L	12.2	9.5	—	14.9	0.9	BS-400 <sup>12</sup>	$\mu$ mol/L	12.1	9.4	—	14.8	0.9
		mg/dL	0.713	0.556	—	0.871	0.053		mg/dL	0.708	0.550	—	0.865	0.053
	BS-200 <sup>3</sup>	$\mu$ mol/L	12.2	9.5	—	14.9	0.9	BS-430 <sup>13</sup>	$\mu$ mol/L	12.3	9.5	—	15.1	0.9
		mg/dL	0.713	0.556	—	0.871	0.053		mg/dL	0.719	0.556	—	0.883	0.053
	BS-200E <sup>4</sup>	$\mu$ mol/L	12.5	9.7	—	15.3	0.9	BS-480 <sup>14</sup>	$\mu$ mol/L	11.8	9.1	—	14.5	0.9
		mg/dL	0.731	0.567	—	0.895	0.053		mg/dL	0.690	0.532	—	0.848	0.053
	BS-230 <sup>5</sup>	$\mu$ mol/L	12.3	9.5	—	15.1	0.9	BS-600 <sup>15</sup>	$\mu$ mol/L	12.3	9.5	—	15.1	0.9
		mg/dL	0.719	0.556	—	0.883	0.053		mg/dL	0.719	0.556	—	0.883	0.053
	BS-240E <sup>6</sup>	$\mu$ mol/L	12.3	9.5	—	15.1	0.9	BS-600M <sup>16</sup>	$\mu$ mol/L	12.5	9.7	—	15.3	0.9
		mg/dL	0.719	0.556	—	0.883	0.053		mg/dL	0.731	0.567	—	0.895	0.053
	BS-300 <sup>7</sup>	$\mu$ mol/L	12.1	9.4	—	14.8	0.9	BS-620M <sup>17</sup>	$\mu$ mol/L	12.5	9.7	—	15.3	0.9
		mg/dL	0.708	0.550	—	0.865	0.053		mg/dL	0.731	0.567	—	0.895	0.053
	BS-330 <sup>8</sup>	$\mu$ mol/L	12.2	9.5	—	14.9	0.9	BS-800 <sup>18</sup>	$\mu$ mol/L	12.3	9.5	—	15.1	0.9
		mg/dL	0.713	0.556	—	0.871	0.053		mg/dL	0.719	0.556	—	0.883	0.053
	BS-330E <sup>9</sup>	$\mu$ mol/L	12.5	9.7	—	15.3	0.9	BS-2000 <sup>19</sup>	$\mu$ mol/L	12.6	9.8	—	15.4	0.9
		mg/dL	0.731	0.567	—	0.895	0.053		mg/dL	0.737	0.573	—	0.901	0.053
	BS-360E <sup>10</sup>	$\mu$ mol/L	12.3	9.5	—	15.1	0.9	BS-2800M <sup>20</sup>	$\mu$ mol/L	12.5	9.7	—	15.3	0.9
		mg/dL	0.719	0.556	—	0.883	0.053		mg/dL	0.731	0.567	—	0.895	0.053
<b>Bil-T (DSA) II</b>	BS-120 <sup>1</sup>	$\mu$ mol/L	17.3	13.4	—	21.2	1.3	BS-380 <sup>11</sup>	$\mu$ mol/L	17.7	13.7	—	21.7	1.3
		mg/dL	1.01	0.78	—	1.24	0.08		mg/dL	1.04	0.80	—	1.27	0.08
	BS-180 <sup>2</sup>	$\mu$ mol/L	17.3	13.4	—	21.2	1.3	BS-400 <sup>12</sup>	$\mu$ mol/L	17.7	13.7	—	21.7	1.3
		mg/dL	1.01	0.78	—	1.24	0.08		mg/dL	1.04	0.80	—	1.27	0.08
	BS-200 <sup>3</sup>	$\mu$ mol/L	17.5	13.6	—	21.4	1.3	BS-430 <sup>13</sup>	$\mu$ mol/L	18.4	14.3	—	22.5	1.4
		mg/dL	1.02	0.80	—	1.25	0.08		mg/dL	1.08	0.84	—	1.32	0.08
	BS-200E <sup>4</sup>	$\mu$ mol/L	17.7	13.7	—	21.7	1.3	BS-480 <sup>14</sup>	$\mu$ mol/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
	BS-230 <sup>5</sup>	$\mu$ mol/L	17.6	13.6	—	21.6	1.3	BS-600 <sup>15</sup>	$\mu$ mol/L	18.4	14.3	—	22.5	1.4
		mg/dL	1.03	0.80	—	1.26	0.08		mg/dL	1.08	0.84	—	1.32	0.08
	BS-240E <sup>6</sup>	$\mu$ mol/L	17.8	13.8	—	21.8	1.3	BS-600M <sup>16</sup>	$\mu$ mol/L	18.4	14.3	—	22.5	1.4
		mg/dL	1.04	0.81	—	1.27	0.08		mg/dL	1.08	0.84	—	1.32	0.08
	BS-300 <sup>7</sup>	$\mu$ mol/L	17.7	13.7	—	21.7	1.3	BS-620M <sup>17</sup>	$\mu$ mol/L	18.4	14.3	—	22.5	1.4
		mg/dL	1.04	0.80	—	1.27	0.08		mg/dL	1.08	0.84	—	1.32	0.08
	BS-330 <sup>8</sup>	$\mu$ mol/L	17.5	13.6	—	21.4	1.3	BS-800 <sup>18</sup>	$\mu$ mol/L	18.4	14.3	—	22.5	1.4
		mg/dL	1.02	0.80	—	1.25	0.08		mg/dL	1.08	0.84	—	1.32	0.08
	BS-330E <sup>9</sup>	$\mu$ mol/L	17.7	13.7	—	21.7	1.3	BS-2000 <sup>19</sup>	$\mu$ mol/L	18.4	14.3	—	22.5	1.4
		mg/dL	1.04	0.80	—	1.27	0.08		mg/dL	1.08	0.84	—	1.32	0.08
	BS-360E <sup>10</sup>	$\mu$ mol/L	18.4	14.3	—	22.5	1.4	BS-2800M <sup>20</sup>	$\mu$ mol/L	18.4	14.3	—	22.5	1.4
		mg/dL	1.08	0.84	—	1.32	0.08		mg/dL	1.08	0.84	—	1.32	0.08
<b>Bil-T (VOX)</b>	BS-120 <sup>1</sup>	$\mu$ mol/L	16.5	12.8	—	20.2	1.2	BS-380 <sup>11</sup>	$\mu$ mol/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
	BS-180 <sup>2</sup>	$\mu$ mol/L	16.5	12.8	—	20.2	1.2	BS-400 <sup>12</sup>	$\mu$ mol/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
	BS-200 <sup>3</sup>	$\mu$ mol/L	16.5	12.8	—	20.2	1.2	BS-430 <sup>13</sup>	$\mu$ mol/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
	BS-200E <sup>4</sup>	$\mu$ mol/L	16.6	12.9	—	20.3	1.2	BS-480 <sup>14</sup>	$\mu$ mol/L	16.6	12.9	—	20.3	1.2
		mg/dL	0.971	0.754	—	1.187	0.070		mg/dL	0.971	0.754	—	1.187	0.070
	BS-230 <sup>5</sup>	$\mu$ mol/L	16.6	12.9	—	20.3	1.2	BS-600 <sup>15</sup>	$\mu$ mol/L	16.6	12.9	—	20.3	1.2
		mg/dL	0.971	0.754	—	1.187	0.070		mg/dL	0.971	0.754	—	1.187	0.070
	BS-240E <sup>6</sup>	$\mu$ mol/L	16.6	12.9	—	20.3	1.2	BS-600M <sup>16</sup>	$\mu$ mol/L	16.4	12.7	—	20.1	1.2
		mg/dL	0.971	0.754	—	1.187	0.070		mg/dL	0.959	0.743	—	1.175	0.070
	BS-300 <sup>7</sup>	$\mu$ mol/L	16.6	12.9	—	20.3	1.2	BS-620M <sup>17</sup>	$\mu$ mol/L	16.4	12.7	—	20.1	1.2
		mg/dL	0.971	0.754	—	1.187	0.070		mg/dL	0.959	0.743	—	1.175	0.070
	BS-330 <sup>8</sup>	$\mu$ mol/L	16.5	12.8	—	20.2	1.2	BS-800 <sup>18</sup>	$\mu$ mol/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
	BS-330E <sup>9</sup>	$\mu$ mol/L	16.6	12.9	—	20.3	1.2	BS-2000 <sup>19</sup>	$\mu$ mol/L	16.6	12.9	—	20.3	1.2
		mg/dL	0.971	0.754	—	1.187	0.070		mg/dL	0.971	0.754	—	1.187	0.070
	BS-360E <sup>10</sup>	$\mu$ mol/L	16.6	12.9	—	20.3	1.2	BS-2800M <sup>20</sup>	$\mu$ mol/L	16.4	12.7	—	20.1	1.2
		mg/dL	0.971	0.754	—	1.187	0.070		mg/dL	0.959	0.743	—	1.175	0.070

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
Ca	BS-120 <sup>1</sup>	mmol/L	2.12	1.88	—	2.36	0.08	BS-380 <sup>11</sup>	mmol/L	2.20	1.95	—	2.45	0.08
		mg/dL	8.50	7.54	—	9.46	0.32		mg/dL	8.82	7.82	—	9.82	0.32
	BS-180 <sup>2</sup>	mmol/L	2.12	1.88	—	2.36	0.08	BS-400 <sup>12</sup>	mmol/L	2.20	1.95	—	2.45	0.08
		mg/dL	8.50	7.54	—	9.46	0.32		mg/dL	8.82	7.82	—	9.82	0.32
	BS-200 <sup>3</sup>	mmol/L	2.19	1.94	—	2.44	0.08	BS-430 <sup>13</sup>	mmol/L	2.15	1.90	—	2.40	0.08
		mg/dL	8.78	7.78	—	9.78	0.32		mg/dL	8.62	7.62	—	9.62	0.32
	BS-200E <sup>4</sup>	mmol/L	2.18	1.93	—	2.43	0.08	BS-480 <sup>14</sup>	mmol/L	2.14	1.90	—	2.38	0.08
		mg/dL	8.74	7.74	—	9.74	0.32		mg/dL	8.58	7.62	—	9.54	0.32
	BS-230 <sup>5</sup>	mmol/L	2.17	1.92	—	2.42	0.08	BS-600 <sup>15</sup>	mmol/L	2.15	1.90	—	2.40	0.08
		mg/dL	8.70	7.70	—	9.70	0.32		mg/dL	8.62	7.62	—	9.62	0.32
	BS-240E <sup>6</sup>	mmol/L	2.12	1.88	—	2.36	0.08	BS-600M <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
	BS-300 <sup>7</sup>	mmol/L	2.13	1.89	—	2.37	0.08	BS-620M <sup>17</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
	BS-330 <sup>8</sup>	mmol/L	2.19	1.94	—	2.44	0.08	BS-800 <sup>18</sup>	mmol/L	2.15	1.90	—	2.40	0.08
		mg/dL	8.78	7.78	—	9.78	0.32		mg/dL	8.62	7.62	—	9.62	0.32
	BS-330E <sup>9</sup>	mmol/L	2.18	1.93	—	2.43	0.08	BS-2000 <sup>19</sup>	mmol/L	2.18	1.93	—	2.43	0.08
		mg/dL	8.74	7.74	—	9.74	0.32		mg/dL	8.74	7.74	—	9.74	0.32
	BS-360E <sup>10</sup>	mmol/L	2.13	1.89	—	2.37	0.08	BS-2800M <sup>20</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
TC	BS-120 <sup>1</sup>	mmol/L	2.73	2.36	—	3.10	0.12	BS-380 <sup>11</sup>	mmol/L	2.73	2.36	—	3.10	0.12
		mg/dL	106	91	—	120	5		mg/dL	106	91	—	120	5
	BS-180 <sup>2</sup>	mmol/L	2.73	2.36	—	3.10	0.12	BS-400 <sup>12</sup>	mmol/L	2.73	2.36	—	3.10	0.12
		mg/dL	106	91	—	120	5		mg/dL	106	91	—	120	5
	BS-200 <sup>3</sup>	mmol/L	2.73	2.36	—	3.10	0.12	BS-430 <sup>13</sup>	mmol/L	2.66	2.30	—	3.02	0.12
		mg/dL	106	91	—	120	5		mg/dL	103	89	—	117	5
	BS-200E <sup>4</sup>	mmol/L	2.73	2.36	—	3.10	0.12	BS-480 <sup>14</sup>	mmol/L	2.66	2.30	—	3.02	0.12
		mg/dL	106	91	—	120	5		mg/dL	103	89	—	117	5
	BS-230 <sup>5</sup>	mmol/L	2.80	2.42	—	3.18	0.13	BS-600 <sup>15</sup>	mmol/L	2.66	2.30	—	3.02	0.12
		mg/dL	108	94	—	123	5		mg/dL	103	89	—	117	5
	BS-240E <sup>6</sup>	mmol/L	2.69	2.33	—	3.05	0.12	BS-600M <sup>16</sup>	mmol/L	2.71	2.34	—	3.08	0.12
		mg/dL	104	90	—	118	5		mg/dL	105	90	—	119	5
	BS-300 <sup>7</sup>	mmol/L	2.76	2.39	—	3.13	0.12	BS-620M <sup>17</sup>	mmol/L	2.71	2.34	—	3.08	0.12
		mg/dL	107	92	—	121	5		mg/dL	105	90	—	119	5
	BS-330 <sup>8</sup>	mmol/L	2.73	2.36	—	3.10	0.12	BS-800 <sup>18</sup>	mmol/L	2.66	2.30	—	3.02	0.12
		mg/dL	106	91	—	120	5		mg/dL	103	89	—	117	5
	BS-330E <sup>9</sup>	mmol/L	2.73	2.36	—	3.10	0.12	BS-2000 <sup>19</sup>	mmol/L	2.73	2.36	—	3.10	0.12
		mg/dL	106	91	—	120	5		mg/dL	106	91	—	120	5
	BS-360E <sup>10</sup>	mmol/L	2.68	2.32	—	3.04	0.12	BS-2800M <sup>20</sup>	mmol/L	2.71	2.34	—	3.08	0.12
		mg/dL	104	90	—	118	5		mg/dL	105	90	—	119	5
HDL-C	BS-120 <sup>1</sup>	mmol/L	0.895	0.694	—	1.096	0.067	BS-380 <sup>11</sup>	mmol/L	0.866	0.671	—	1.061	0.065
		mg/dL	34.6	26.8	—	42.4	2.6		mg/dL	33.5	25.9	—	41.0	2.5
	BS-180 <sup>2</sup>	mmol/L	0.895	0.694	—	1.096	0.067	BS-400 <sup>12</sup>	mmol/L	0.873	0.677	—	1.069	0.065
		mg/dL	34.6	26.8	—	42.4	2.6		mg/dL	33.8	26.2	—	41.3	2.5
	BS-200 <sup>3</sup>	mmol/L	0.867	0.672	—	1.062	0.065	BS-430 <sup>13</sup>	mmol/L	0.847	0.656	—	1.038	0.064
		mg/dL	33.5	26.0	—	41.1	2.5		mg/dL	32.7	25.4	—	40.1	2.5
	BS-200E <sup>4</sup>	mmol/L	0.837	0.649	—	1.025	0.063	BS-480 <sup>14</sup>	mmol/L	0.871	0.675	—	1.067	0.065
		mg/dL	32.4	25.1	—	39.6	2.4		mg/dL	33.7	26.1	—	41.3	2.5
	BS-230 <sup>5</sup>	mmol/L	0.872	0.676	—	1.068	0.065	BS-600 <sup>15</sup>	mmol/L	0.856	0.663	—	1.049	0.064
		mg/dL	33.7	26.1	—	41.3	2.5		mg/dL	33.1	25.6	—	40.6	2.5
	BS-240E <sup>6</sup>	mmol/L	0.831	0.644	—	1.018	0.062	BS-600M <sup>16</sup>	mmol/L	0.846	0.656	—	1.036	0.063
		mg/dL	32.1	24.9	—	39.4	2.4		mg/dL	32.7	25.4	—	40.1	2.4
	BS-300 <sup>7</sup>	mmol/L	0.867	0.672	—	1.062	0.065	BS-620M <sup>17</sup>	mmol/L	0.846	0.656	—	1.036	0.063
		mg/dL	33.5	26.0	—	41.1	2.5		mg/dL	32.7	25.4	—	40.1	2.4
	BS-330 <sup>8</sup>	mmol/L	0.867	0.672	—	1.062	0.065	BS-800 <sup>18</sup>	mmol/L	0.861	0.667	—	1.055	0.065
		mg/dL	33.5	26.0	—	41.1	2.5		mg/dL	33.3	25.8	—	40.8	2.5
	BS-330E <sup>9</sup>	mmol/L	0.837	0.649	—	1.025	0.063	BS-2000 <sup>19</sup>	mmol/L	0.869	0.673	—	1.065	0.065
		mg/dL	32.4	25.1	—	39.6	2.4		mg/dL	33.6	26.0	—	41.2	2.5
	BS-360E <sup>10</sup>	mmol/L	0.837	0.649	—	1.025	0.063	BS-2800M <sup>20</sup>	mmol/L	0.853	0.661	—	1.045	0.064
		mg/dL	32.4	25.1	—	39.6	2.4		mg/dL	33.0	25.6	—	40.4	2.5

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
LDL-C	BS-120 <sup>1</sup>	mmol/L	1.59	1.23	—	1.95	0.12	BS-380 <sup>11</sup>	mmol/L	1.63	1.26	—	2.00	0.12
		mg/dL	61.5	47.6	—	75.4	4.6		mg/dL	63.0	48.7	—	77.3	4.6
	BS-180 <sup>2</sup>	mmol/L	1.59	1.23	—	1.95	0.12	BS-400 <sup>12</sup>	mmol/L	1.63	1.26	—	2.00	0.12
		mg/dL	61.5	47.6	—	75.4	4.6		mg/dL	63.0	48.7	—	77.3	4.6
	BS-200 <sup>3</sup>	mmol/L	1.65	1.28	—	2.02	0.12	BS-430 <sup>13</sup>	mmol/L	1.63	1.26	—	2.00	0.12
		mg/dL	63.8	49.5	—	78.1	4.6		mg/dL	63.0	48.7	—	77.3	4.6
	BS-200E <sup>4</sup>	mmol/L	1.62	1.26	—	1.98	0.12	BS-480 <sup>14</sup>	mmol/L	1.63	1.26	—	2.00	0.12
		mg/dL	62.6	48.7	—	76.5	4.6		mg/dL	63.0	48.7	—	77.3	4.6
	BS-230 <sup>5</sup>	mmol/L	1.60	1.24	—	1.96	0.12	BS-600 <sup>15</sup>	mmol/L	1.61	1.25	—	1.97	0.12
		mg/dL	61.9	47.9	—	75.8	4.6		mg/dL	62.2	48.3	—	76.2	4.6
	BS-240E <sup>6</sup>	mmol/L	1.62	1.26	—	1.98	0.12	BS-600M <sup>16</sup>	mmol/L	1.63	1.26	—	2.00	0.12
		mg/dL	62.6	48.7	—	76.5	4.6		mg/dL	63.0	48.7	—	77.3	4.6
	BS-300 <sup>7</sup>	mmol/L	1.65	1.28	—	2.02	0.12	BS-620M <sup>17</sup>	mmol/L	1.63	1.26	—	2.00	0.12
		mg/dL	63.8	49.5	—	78.1	4.6		mg/dL	63.0	48.7	—	77.3	4.6
	BS-330 <sup>8</sup>	mmol/L	1.65	1.28	—	2.02	0.12	BS-800 <sup>18</sup>	mmol/L	1.61	1.25	—	1.97	0.12
		mg/dL	63.8	49.5	—	78.1	4.6		mg/dL	62.2	48.3	—	76.2	4.6
	BS-330E <sup>9</sup>	mmol/L	1.62	1.26	—	1.98	0.12	BS-2000 <sup>19</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
	BS-360E <sup>10</sup>	mmol/L	1.63	1.26	—	2.00	0.12	BS-2800M <sup>20</sup>	mmol/L	1.63	1.26	—	2.00	0.12
		mg/dL	63.0	48.7	—	77.3	4.6		mg/dL	63.0	48.7	—	77.3	4.6
CK	BS-120 <sup>1</sup>	U/L	143	122	—	164	7	BS-380 <sup>11</sup>	U/L	144	122	—	166	7
		μkat/L	2.39	2.04	—	2.74	0.12		μkat/L	2.40	2.04	—	2.77	0.12
	BS-180 <sup>2</sup>	U/L	143	122	—	164	7	BS-400 <sup>12</sup>	U/L	144	122	—	166	7
		μkat/L	2.39	2.04	—	2.74	0.12		μkat/L	2.40	2.04	—	2.77	0.12
	BS-200 <sup>3</sup>	U/L	145	123	—	167	7	BS-430 <sup>13</sup>	U/L	144	122	—	166	7
		μkat/L	2.42	2.05	—	2.79	0.12		μkat/L	2.40	2.04	—	2.77	0.12
	BS-200E <sup>4</sup>	U/L	139	118	—	160	7	BS-480 <sup>14</sup>	U/L	142	121	—	163	7
		μkat/L	2.32	1.97	—	2.67	0.12		μkat/L	2.37	2.02	—	2.72	0.12
	BS-230 <sup>5</sup>	U/L	145	123	—	167	7	BS-600 <sup>15</sup>	U/L	145	123	—	167	7
		μkat/L	2.42	2.05	—	2.79	0.12		μkat/L	2.42	2.05	—	2.79	0.12
	BS-240E <sup>6</sup>	U/L	144	122	—	166	7	BS-600M <sup>16</sup>	U/L	144	122	—	166	7
		μkat/L	2.40	2.04	—	2.77	0.12		μkat/L	2.40	2.04	—	2.77	0.12
	BS-300 <sup>7</sup>	U/L	144	122	—	166	7	BS-620M <sup>17</sup>	U/L	144	122	—	166	7
		μkat/L	2.40	2.04	—	2.77	0.12		μkat/L	2.40	2.04	—	2.77	0.12
	BS-330 <sup>8</sup>	U/L	145	123	—	167	7	BS-800 <sup>18</sup>	U/L	144	122	—	166	7
		μkat/L	2.42	2.05	—	2.79	0.12		μkat/L	2.40	2.04	—	2.77	0.12
	BS-330E <sup>9</sup>	U/L	139	118	—	160	7	BS-2000 <sup>19</sup>	U/L	143	122	—	164	7
		μkat/L	2.32	1.97	—	2.67	0.12		μkat/L	2.39	2.04	—	2.74	0.12
	BS-360E <sup>10</sup>	U/L	144	122	—	166	7	BS-2800M <sup>20</sup>	U/L	144	122	—	166	7
		μkat/L	2.40	2.04	—	2.77	0.12		μkat/L	2.40	2.04	—	2.77	0.12
CK-MB	BS-120 <sup>1</sup>	U/L	45.4	35.2	—	55.6	3.4	BS-380 <sup>11</sup>	U/L	47.0	36.4	—	57.6	3.5
		μkat/L	0.758	0.588	—	0.929	0.057		μkat/L	0.785	0.608	—	0.962	0.058
	BS-180 <sup>2</sup>	U/L	45.4	35.2	—	55.6	3.4	BS-400 <sup>12</sup>	U/L	44.6	34.6	—	54.6	3.3
		μkat/L	0.758	0.588	—	0.929	0.057		μkat/L	0.745	0.578	—	0.912	0.055
	BS-200 <sup>3</sup>	U/L	44.2	34.3	—	54.1	3.3	BS-430 <sup>13</sup>	U/L	45.3	35.1	—	55.5	3.4
		μkat/L	0.738	0.573	—	0.903	0.055		μkat/L	0.757	0.586	—	0.927	0.057
	BS-200E <sup>4</sup>	U/L	45.1	35.0	—	55.2	3.4	BS-480 <sup>14</sup>	U/L	44.4	34.4	—	54.4	3.3
		μkat/L	0.753	0.585	—	0.922	0.057		μkat/L	0.741	0.574	—	0.908	0.055
	BS-230 <sup>5</sup>	U/L	45.6	35.3	—	55.9	3.4	BS-600 <sup>15</sup>	U/L	45.0	34.9	—	55.1	3.4
		μkat/L	0.762	0.590	—	0.934	0.057		μkat/L	0.752	0.583	—	0.920	0.057
	BS-240E <sup>6</sup>	U/L	44.7	34.6	—	54.8	3.4	BS-600M <sup>16</sup>	U/L	47.0	36.4	—	57.6	3.5
		μkat/L	0.746	0.578	—	0.915	0.057		μkat/L	0.785	0.608	—	0.962	0.058
	BS-300 <sup>7</sup>	U/L	45.8	35.5	—	56.1	3.4	BS-620M <sup>17</sup>	U/L	47.0	36.4	—	57.6	3.5
		μkat/L	0.765	0.593	—	0.937	0.057		μkat/L	0.785	0.608	—	0.962	0.058
	BS-330 <sup>8</sup>	U/L	44.2	34.3	—	54.1	3.3	BS-800 <sup>18</sup>	U/L	45.0	34.9	—	55.1	3.4
		μkat/L	0.738	0.573	—	0.903	0.055		μkat/L	0.752	0.583	—	0.920	0.057
	BS-330E <sup>9</sup>	U/L	45.1	35.0	—	55.2	3.4	BS-2000 <sup>19</sup>	U/L	44.2	34.3	—	54.1	3.3
		μkat/L	0.753	0.585	—	0.922	0.057		μkat/L	0.738	0.573	—	0.903	0.055
	BS-360E <sup>10</sup>	U/L	43.9	34.0	—	53.8	3.3	BS-2800M <sup>20</sup>	U/L	45.5	35.3	—	55.7	3.4
		μkat/L	0.733	0.568	—	0.898	0.055		μkat/L	0.760	0.590	—	0.930	0.057

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>Crea (SOX)</b> Note: This reference value is only applicable to 141121019 and subsequent batch reagents	BS-120 <sup>1</sup>	μmol/L	87.5	74.4	—	100.6	4.4	BS-380 <sup>11</sup>	μmol/L	87.6	74.5	—	100.7	4.4
		mg/dL	0.990	0.842	—	1.138	0.050		mg/dL	0.991	0.843	—	1.139	0.050
	BS-180 <sup>2</sup>	μmol/L	87.5	74.4	—	100.6	4.4	BS-400 <sup>12</sup>	μmol/L	87.4	74.3	—	100.5	4.4
		mg/dL	0.990	0.842	—	1.138	0.050		mg/dL	0.989	0.840	—	1.137	0.050
	BS-200 <sup>3</sup>	μmol/L	86.7	73.7	—	99.7	4.3	BS-430 <sup>13</sup>	μmol/L	89.4	76.0	—	102.8	4.5
		mg/dL	0.981	0.834	—	1.128	0.049		mg/dL	1.01	0.86	—	1.16	0.05
	BS-200E <sup>4</sup>	μmol/L	85.1	72.3	—	97.9	4.3	BS-480 <sup>14</sup>	μmol/L	88.8	75.5	—	102.1	4.4
		mg/dL	0.963	0.818	—	1.107	0.049		mg/dL	1.00	0.85	—	1.15	0.05
	BS-230 <sup>5</sup>	μmol/L	90.1	76.6	—	103.6	4.5	BS-600 <sup>15</sup>	μmol/L	87.4	74.3	—	100.5	4.4
		mg/dL	1.02	0.87	—	1.17	0.05		mg/dL	0.989	0.840	—	1.137	0.050
	BS-240E <sup>6</sup>	μmol/L	88.3	75.1	—	101.5	4.4	BS-600M <sup>16</sup>	μmol/L	88.7	75.4	—	102.0	4.4
		mg/dL	1.00	0.85	—	1.15	0.05		mg/dL	1.00	0.85	—	1.15	0.05
	BS-300 <sup>7</sup>	μmol/L	85.7	72.8	—	98.6	4.3	BS-620M <sup>17</sup>	μmol/L	79.9	67.9	—	91.9	4.0
		mg/dL	0.969	0.824	—	1.115	0.049		mg/dL	0.904	0.768	—	1.040	0.045
	BS-330 <sup>8</sup>	μmol/L	86.7	73.7	—	99.7	4.3	BS-800 <sup>18</sup>	μmol/L	80.1	68.1	—	92.1	4.0
		mg/dL	0.981	0.834	—	1.128	0.049		mg/dL	0.906	0.770	—	1.042	0.045
	BS-330E <sup>9</sup>	μmol/L	85.1	72.3	—	97.9	4.3	BS-2000 <sup>19</sup>	μmol/L	79.5	67.6	—	91.4	4.0
		mg/dL	0.963	0.818	—	1.107	0.049		mg/dL	0.899	0.765	—	1.034	0.045
	BS-360E <sup>10</sup>	μmol/L	88.2	75.0	—	101.4	4.4	BS-2800M <sup>20</sup>	μmol/L	79.9	67.9	—	91.9	4.0
		mg/dL	1.00	0.85	—	1.15	0.05		mg/dL	0.904	0.768	—	1.040	0.045
<b>Crea (SOX)</b> Note: This reference value is only applicable to 141121018 and before batch reagents	BS-120 <sup>1</sup>	μmol/L	93.2	79.2	—	107.2	4.7	BS-380 <sup>11</sup>	μmol/L	90.9	77.3	—	104.5	4.5
		mg/dL	1.05	0.90	—	1.21	0.05		mg/dL	1.03	0.87	—	1.18	0.05
	BS-180 <sup>2</sup>	μmol/L	93.2	79.2	—	107.2	4.7	BS-400 <sup>12</sup>	μmol/L	90.9	77.3	—	104.5	4.5
		mg/dL	1.05	0.90	—	1.21	0.05		mg/dL	1.03	0.87	—	1.18	0.05
	BS-200 <sup>3</sup>	μmol/L	92.0	78.2	—	105.8	4.6	BS-430 <sup>13</sup>	μmol/L	92.6	78.7	—	106.5	4.6
		mg/dL	1.04	0.88	—	1.20	0.05		mg/dL	1.05	0.89	—	1.20	0.05
	BS-200E <sup>4</sup>	μmol/L	90.0	76.5	—	103.5	4.5	BS-480 <sup>14</sup>	μmol/L	91.8	78.0	—	105.6	4.6
		mg/dL	1.02	0.87	—	1.17	0.05		mg/dL	1.04	0.88	—	1.19	0.05
	BS-230 <sup>5</sup>	μmol/L	93.7	79.6	—	107.8	4.7	BS-600 <sup>15</sup>	μmol/L	90.4	76.8	—	104.0	4.5
		mg/dL	1.06	0.90	—	1.22	0.05		mg/dL	1.02	0.87	—	1.18	0.05
	BS-240E <sup>6</sup>	μmol/L	91.7	77.9	—	105.5	4.6	BS-600M <sup>16</sup>	μmol/L	90.9	77.3	—	104.5	4.5
		mg/dL	1.04	0.88	—	1.19	0.05		mg/dL	1.03	0.87	—	1.18	0.05
	BS-300 <sup>7</sup>	μmol/L	91.2	77.5	—	104.9	4.6	BS-620M <sup>17</sup>	μmol/L	79.9	67.9	—	91.9	4.0
		mg/dL	1.03	0.88	—	1.19	0.05		mg/dL	0.904	0.768	—	1.040	0.045
	BS-330 <sup>8</sup>	μmol/L	92.0	78.2	—	105.8	4.6	BS-800 <sup>18</sup>	μmol/L	80.1	68.1	—	92.1	4.0
		mg/dL	1.04	0.88	—	1.20	0.05		mg/dL	0.906	0.770	—	1.042	0.045
	BS-330E <sup>9</sup>	μmol/L	90.0	76.5	—	103.5	4.5	BS-2000 <sup>19</sup>	μmol/L	79.5	67.6	—	91.4	4.0
		mg/dL	1.02	0.87	—	1.17	0.05		mg/dL	0.899	0.765	—	1.034	0.045
	BS-360E <sup>10</sup>	μmol/L	92.1	78.3	—	105.9	4.6	BS-2800M <sup>20</sup>	μmol/L	79.9	67.9	—	91.9	4.0
		mg/dL	1.04	0.89	—	1.20	0.05		mg/dL	0.904	0.768	—	1.040	0.045
<b>GLU (GOD)</b>	BS-120 <sup>1</sup>	mmol/L	5.52	4.69	—	6.35	0.28	BS-380 <sup>11</sup>	mmol/L	5.61	4.77	—	6.45	0.28
		mg/dL	99.5	84.5	—	114.4	5.0		mg/dL	101	86	—	116	5
	BS-180 <sup>2</sup>	mmol/L	5.52	4.69	—	6.35	0.28	BS-400 <sup>12</sup>	mmol/L	5.59	4.75	—	6.43	0.28
		mg/dL	99.5	84.5	—	114.4	5.0		mg/dL	101	86	—	116	5
	BS-200 <sup>3</sup>	mmol/L	5.62	4.78	—	6.46	0.28	BS-430 <sup>13</sup>	mmol/L	5.60	4.76	—	6.44	0.28
		mg/dL	101	86	—	116	5		mg/dL	101	86	—	116	5
	BS-200E <sup>4</sup>	mmol/L	5.54	4.71	—	6.37	0.28	BS-480 <sup>14</sup>	mmol/L	5.58	4.74	—	6.42	0.28
		mg/dL	99.8	84.9	—	114.8	5.0		mg/dL	101	85	—	116	5
	BS-230 <sup>5</sup>	mmol/L	5.67	4.82	—	6.52	0.28	BS-600 <sup>15</sup>	mmol/L	5.57	4.73	—	6.41	0.28
		mg/dL	102	87	—	117	5		mg/dL	100	85	—	115	5
	BS-240E <sup>6</sup>	mmol/L	5.56	4.73	—	6.39	0.28	BS-600M <sup>16</sup>	mmol/L	5.60	4.76	—	6.44	0.28
		mg/dL	100	85	—	115	5		mg/dL	101	86	—	116	5
	BS-300 <sup>7</sup>	mmol/L	5.68	4.83	—	6.53	0.28	BS-620M <sup>17</sup>	mmol/L	5.60	4.76	—	6.44	0.28
		mg/dL	102	87	—	118	5		mg/dL	101	86	—	116	5
	BS-330 <sup>8</sup>	mmol/L	5.62	4.78	—	6.46	0.28	BS-800 <sup>18</sup>	mmol/L	5.52	4.69	—	6.35	0.28
		mg/dL	101	86	—	116	5		mg/dL	99.5	84.5	—	114.4	5.0
	BS-330E <sup>9</sup>	mmol/L	5.54	4.71	—	6.37	0.28	BS-2000 <sup>19</sup>	mmol/L	5.55	4.72	—	6.38	0.28
		mg/dL	99.8	84.9	—	114.8	5.0		mg/dL	100	85	—	115	5
	BS-360E <sup>10</sup>	mmol/L	5.55	4.72	—	6.38	0.28	BS-2800M <sup>20</sup>	mmol/L	5.60	4.76	—	6.44	0.28
		mg/dL	100	85	—	115	5		mg/dL	101	86	—	116	5



Abbreviated name	Model	Unit	Assay Value	Range(Assay Value $\pm$ 3SD)	1 SD	Model	Unit	Assay Value	Range(Assay Value $\pm$ 3SD)	1 SD
<b>GLU (HK)</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	5.79	4.92 — 6.66	0.29	<b>BS-380</b> <sup>11</sup>	mmol/L	5.75	4.89 — 6.61	0.29
		mg/dL	104	89 — 120	5		mg/dL	104	88 — 119	5
	<b>BS-180</b> <sup>2</sup>	mmol/L	5.79	4.92 — 6.66	0.29	<b>BS-400</b> <sup>12</sup>	mmol/L	5.73	4.87 — 6.59	0.29
		mg/dL	104	89 — 120	5		mg/dL	103	88 — 119	5
	<b>BS-200</b> <sup>3</sup>	mmol/L	5.72	4.86 — 6.58	0.29	<b>BS-430</b> <sup>13</sup>	mmol/L	5.71	4.85 — 6.57	0.29
		mg/dL	103	88 — 119	5		mg/dL	103	87 — 118	5
	<b>BS-200E</b> <sup>4</sup>	mmol/L	5.64	4.79 — 6.49	0.28	<b>BS-480</b> <sup>14</sup>	mmol/L	5.59	4.75 — 6.43	0.28
		mg/dL	102	86 — 117	5		mg/dL	101	86 — 116	5
	<b>BS-230</b> <sup>5</sup>	mmol/L	5.80	4.93 — 6.67	0.29	<b>BS-600</b> <sup>15</sup>	mmol/L	5.63	4.79 — 6.47	0.28
		mg/dL	105	89 — 120	5		mg/dL	101	86 — 117	5
	<b>BS-240E</b> <sup>6</sup>	mmol/L	5.59	4.75 — 6.43	0.28	<b>BS-600M</b> <sup>16</sup>	mmol/L	5.59	4.75 — 6.43	0.28
		mg/dL	101	86 — 116	5		mg/dL	101	86 — 116	5
	<b>BS-300</b> <sup>7</sup>	mmol/L	5.67	4.82 — 6.52	0.28	<b>BS-620M</b> <sup>17</sup>	mmol/L	5.59	4.75 — 6.43	0.28
		mg/dL	102	87 — 117	5		mg/dL	101	86 — 116	5
	<b>BS-330</b> <sup>8</sup>	mmol/L	5.72	4.86 — 6.58	0.29	<b>BS-800</b> <sup>18</sup>	mmol/L	5.71	4.85 — 6.57	0.29
		mg/dL	103	88 — 119	5		mg/dL	103	87 — 118	5
	<b>BS-330E</b> <sup>9</sup>	mmol/L	5.64	4.79 — 6.49	0.28	<b>BS-2000</b> <sup>19</sup>	mmol/L	5.69	4.84 — 6.54	0.28
		mg/dL	102	86 — 117	5		mg/dL	103	87 — 118	5
	<b>BS-360E</b> <sup>10</sup>	mmol/L	5.41	4.60 — 6.22	0.27	<b>BS-2800M</b> <sup>20</sup>	mmol/L	5.74	4.88 — 6.6	0.29
		mg/dL	97.5	82.9 — 112.1	4.9		mg/dL	103	88 — 119	5
	<b>GGT</b>	<b>BS-120</b> <sup>1</sup>	U/L	64.0	54.4 — 73.6	3.2	<b>BS-380</b> <sup>11</sup>	U/L	62.7	53.3 — 72.1
$\mu$ kat/L			1.07	0.91 — 1.23	0.05	$\mu$ kat/L		1.05	0.89 — 1.20	0.05
<b>BS-180</b> <sup>2</sup>		U/L	64.0	54.4 — 73.6	3.2	<b>BS-400</b> <sup>12</sup>	U/L	62.7	53.3 — 72.1	3.1
		$\mu$ kat/L	1.07	0.91 — 1.23	0.05		$\mu$ kat/L	1.05	0.89 — 1.20	0.05
<b>BS-200</b> <sup>3</sup>		U/L	64.0	54.4 — 73.6	3.2	<b>BS-430</b> <sup>13</sup>	U/L	62.9	53.5 — 72.3	3.1
		$\mu$ kat/L	1.07	0.91 — 1.23	0.05		$\mu$ kat/L	1.05	0.89 — 1.21	0.05
<b>BS-200E</b> <sup>4</sup>		U/L	61.5	52.3 — 70.7	3.1	<b>BS-480</b> <sup>14</sup>	U/L	62.9	53.5 — 72.3	3.1
		$\mu$ kat/L	1.03	0.87 — 1.18	0.05		$\mu$ kat/L	1.05	0.89 — 1.21	0.05
<b>BS-230</b> <sup>5</sup>		U/L	63.1	53.6 — 72.6	3.2	<b>BS-600</b> <sup>15</sup>	U/L	62.9	53.5 — 72.3	3.1
		$\mu$ kat/L	1.05	0.90 — 1.21	0.05		$\mu$ kat/L	1.05	0.89 — 1.21	0.05
<b>BS-240E</b> <sup>6</sup>		U/L	62.8	53.4 — 72.2	3.1	<b>BS-600M</b> <sup>16</sup>	U/L	62.8	53.4 — 72.2	3.1
		$\mu$ kat/L	1.05	0.89 — 1.21	0.05		$\mu$ kat/L	1.05	0.89 — 1.21	0.05
<b>BS-300</b> <sup>7</sup>		U/L	62.7	53.3 — 72.1	3.1	<b>BS-620M</b> <sup>17</sup>	U/L	62.8	53.4 — 72.2	3.1
		$\mu$ kat/L	1.05	0.89 — 1.20	0.05		$\mu$ kat/L	1.05	0.89 — 1.21	0.05
<b>BS-330</b> <sup>8</sup>		U/L	64.0	54.4 — 73.6	3.2	<b>BS-800</b> <sup>18</sup>	U/L	62.9	53.5 — 72.3	3.1
		$\mu$ kat/L	1.07	0.91 — 1.23	0.05		$\mu$ kat/L	1.05	0.89 — 1.21	0.05
<b>BS-330E</b> <sup>9</sup>		U/L	61.5	52.3 — 70.7	3.1	<b>BS-2000</b> <sup>19</sup>	U/L	62.6	53.2 — 72.0	3.1
		$\mu$ kat/L	1.03	0.87 — 1.18	0.05		$\mu$ kat/L	1.05	0.89 — 1.20	0.05
<b>BS-360E</b> <sup>10</sup>		U/L	62.5	53.1 — 71.9	3.1	<b>BS-2800M</b> <sup>20</sup>	U/L	62.8	53.4 — 72.2	3.1
		$\mu$ kat/L	1.04	0.89 — 1.20	0.05		$\mu$ kat/L	1.05	0.89 — 1.21	0.05
<b><math>\alpha</math>-HBDH</b>		<b>BS-120</b> <sup>1</sup>	U/L	169	144 — 194	8	<b>BS-380</b> <sup>11</sup>	U/L	170	145 — 196
	$\mu$ kat/L		2.82	2.40 — 3.24	0.13	$\mu$ kat/L		2.84	2.42 — 3.27	0.15
	<b>BS-180</b> <sup>2</sup>	U/L	169	144 — 194	8	<b>BS-400</b> <sup>12</sup>	U/L	170	145 — 196	9
		$\mu$ kat/L	2.82	2.40 — 3.24	0.13		$\mu$ kat/L	2.84	2.42 — 3.27	0.15
	<b>BS-200</b> <sup>3</sup>	U/L	166	141 — 191	8	<b>BS-430</b> <sup>13</sup>	U/L	171	145 — 197	9
		$\mu$ kat/L	2.77	2.35 — 3.19	0.13		$\mu$ kat/L	2.86	2.42 — 3.29	0.15
	<b>BS-200E</b> <sup>4</sup>	U/L	170	145 — 196	9	<b>BS-480</b> <sup>14</sup>	U/L	171	145 — 197	9
		$\mu$ kat/L	2.84	2.42 — 3.27	0.15		$\mu$ kat/L	2.86	2.42 — 3.29	0.15
	<b>BS-230</b> <sup>5</sup>	U/L	170	145 — 196	9	<b>BS-600</b> <sup>15</sup>	U/L	171	145 — 197	9
		$\mu$ kat/L	2.84	2.42 — 3.27	0.15		$\mu$ kat/L	2.86	2.42 — 3.29	0.15
	<b>BS-240E</b> <sup>6</sup>	U/L	171	145 — 197	9	<b>BS-600M</b> <sup>16</sup>	U/L	171	145 — 197	9
		$\mu$ kat/L	2.86	2.42 — 3.29	0.15		$\mu$ kat/L	2.86	2.42 — 3.29	0.15
	<b>BS-300</b> <sup>7</sup>	U/L	170	145 — 196	9	<b>BS-620M</b> <sup>17</sup>	U/L	171	145 — 197	9
		$\mu$ kat/L	2.84	2.42 — 3.27	0.15		$\mu$ kat/L	2.86	2.42 — 3.29	0.15
	<b>BS-330</b> <sup>8</sup>	U/L	166	141 — 191	8	<b>BS-800</b> <sup>18</sup>	U/L	171	145 — 197	9
		$\mu$ kat/L	2.77	2.35 — 3.19	0.13		$\mu$ kat/L	2.86	2.42 — 3.29	0.15
	<b>BS-330E</b> <sup>9</sup>	U/L	170	145 — 196	9	<b>BS-2000</b> <sup>19</sup>	U/L	170	145 — 196	9
		$\mu$ kat/L	2.84	2.42 — 3.27	0.15		$\mu$ kat/L	2.84	2.42 — 3.27	0.15
	<b>BS-360E</b> <sup>10</sup>	U/L	171	145 — 197	9	<b>BS-2800M</b> <sup>20</sup>	U/L	171	145 — 197	9
		$\mu$ kat/L	2.86	2.42 — 3.29	0.15		$\mu$ kat/L	2.86	2.42 — 3.29	0.15

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD
<b>ApoA1</b>	BS-120 <sup>1</sup>	g/L	1.25	0.97 - 1.53	0.09	BS-380 <sup>11</sup>	g/L	1.19	0.92 - 1.46	0.09
		µmol/L	44.6	34.6 - 54.6	3.2		µmol/L	42.5	32.8 - 52.1	3.2
	BS-180 <sup>2</sup>	g/L	1.25	0.97 - 1.53	0.09	BS-400 <sup>12</sup>	g/L	1.25	0.97 - 1.53	0.09
		µmol/L	44.6	34.6 - 54.6	3.2		µmol/L	44.6	34.6 - 54.6	3.2
	BS-200 <sup>3</sup>	g/L	1.25	0.97 - 1.53	0.09	BS-430 <sup>13</sup>	g/L	1.24	0.96 - 1.52	0.09
		µmol/L	44.6	34.6 - 54.6	3.2		µmol/L	44.3	34.3 - 54.3	3.2
	BS-200E <sup>4</sup>	g/L	1.33	1.03 - 1.63	0.10	BS-480 <sup>14</sup>	g/L	1.25	0.97 - 1.53	0.09
		µmol/L	47.5	36.8 - 58.2	3.6		µmol/L	44.6	34.6 - 54.6	3.2
	BS-230 <sup>5</sup>	g/L	1.18	0.91 - 1.45	0.09	BS-600 <sup>15</sup>	g/L	1.24	0.96 - 1.52	0.09
		µmol/L	42.1	32.5 - 51.8	3.2		µmol/L	44.3	34.3 - 54.3	3.2
	BS-240E <sup>6</sup>	g/L	1.26	0.98 - 1.54	0.09	BS-600M <sup>16</sup>	g/L	1.21	0.94 - 1.48	0.09
		µmol/L	45.0	35.0 - 55.0	3.2		µmol/L	43.2	33.6 - 52.8	3.2
	BS-300 <sup>7</sup>	g/L	1.27	0.98 - 1.56	0.10	BS-620M <sup>17</sup>	g/L	1.21	0.94 - 1.48	0.09
		µmol/L	45.3	35.0 - 55.7	3.6		µmol/L	43.2	33.6 - 52.8	3.2
	BS-330 <sup>8</sup>	g/L	1.25	0.97 - 1.53	0.09	BS-800 <sup>18</sup>	g/L	1.21	0.94 - 1.48	0.09
		µmol/L	44.6	34.6 - 54.6	3.2		µmol/L	43.2	33.6 - 52.8	3.2
	BS-330E <sup>9</sup>	g/L	1.33	1.03 - 1.63	0.10	BS-2000 <sup>19</sup>	g/L	1.21	0.94 - 1.48	0.09
		µmol/L	47.5	36.8 - 58.2	3.6		µmol/L	43.2	33.6 - 52.8	3.2
	BS-360E <sup>10</sup>	g/L	1.24	0.96 - 1.52	0.09	BS-2800M <sup>20</sup>	g/L	1.21	0.94 - 1.48	0.09
		µmol/L	44.3	34.3 - 54.3	3.2		µmol/L	43.2	33.6 - 52.8	3.2
<b>ApoB</b> <small>Note: This reference value is only applicable to 141922002 and subsequent batch ApoB reagents</small>	BS-120 <sup>1</sup>	g/L	0.553	0.429 - 0.677	0.041	BS-380 <sup>11</sup>	g/L	0.565	0.438 - 0.692	0.042
		µmol/L	1.08	0.84 - 1.32	0.08		µmol/L	1.10	0.85 - 1.35	0.08
	BS-180 <sup>2</sup>	g/L	0.553	0.429 - 0.677	0.041	BS-400 <sup>12</sup>	g/L	0.563	0.436 - 0.690	0.042
		µmol/L	1.08	0.84 - 1.32	0.08		µmol/L	1.10	0.85 - 1.35	0.08
	BS-200 <sup>3</sup>	g/L	0.563	0.436 - 0.690	0.042	BS-430 <sup>13</sup>	g/L	0.571	0.443 - 0.699	0.043
		µmol/L	1.10	0.85 - 1.35	0.08		µmol/L	1.11	0.86 - 1.36	0.08
	BS-200E <sup>4</sup>	g/L	0.556	0.431 - 0.681	0.042	BS-480 <sup>14</sup>	g/L	0.561	0.435 - 0.687	0.042
		µmol/L	1.08	0.84 - 1.33	0.08		µmol/L	1.09	0.85 - 1.34	0.08
	BS-230 <sup>5</sup>	g/L	0.544	0.422 - 0.666	0.041	BS-600 <sup>15</sup>	g/L	0.564	0.437 - 0.691	0.042
		µmol/L	1.06	0.82 - 1.30	0.08		µmol/L	1.10	0.85 - 1.35	0.08
	BS-240E <sup>6</sup>	g/L	0.551	0.427 - 0.675	0.041	BS-600M <sup>16</sup>	g/L	0.547	0.424 - 0.670	0.041
		µmol/L	1.07	0.83 - 1.32	0.08		µmol/L	1.07	0.83 - 1.31	0.08
	BS-300 <sup>7</sup>	g/L	0.543	0.421 - 0.665	0.041	BS-620M <sup>17</sup>	g/L	0.547	0.424 - 0.670	0.041
		µmol/L	1.06	0.82 - 1.30	0.08		µmol/L	1.07	0.83 - 1.31	0.08
	BS-330 <sup>8</sup>	g/L	0.563	0.436 - 0.690	0.042	BS-800 <sup>18</sup>	g/L	0.562	0.436 - 0.688	0.042
		µmol/L	1.10	0.85 - 1.35	0.08		µmol/L	1.10	0.85 - 1.34	0.08
	BS-330E <sup>9</sup>	g/L	0.556	0.431 - 0.681	0.042	BS-2000 <sup>19</sup>	g/L	0.542	0.420 - 0.664	0.041
		µmol/L	1.08	0.84 - 1.33	0.08		µmol/L	1.06	0.82 - 1.29	0.08
	BS-360E <sup>10</sup>	g/L	0.561	0.435 - 0.687	0.042	BS-2800M <sup>20</sup>	g/L	0.547	0.424 - 0.670	0.041
		µmol/L	1.09	0.85 - 1.34	0.08		µmol/L	1.07	0.83 - 1.31	0.08
<b>ApoB</b> <small>Note: This reference value is only applicable to 141922001 and before batch ApoB reagents</small>	BS-120 <sup>1</sup>	g/L	0.523	0.405 - 0.641	0.039	BS-380 <sup>11</sup>	g/L	0.539	0.418 - 0.660	0.040
		µmol/L	1.02	0.79 - 1.25	0.08		µmol/L	1.05	0.82 - 1.29	0.08
	BS-180 <sup>2</sup>	g/L	0.523	0.405 - 0.641	0.039	BS-400 <sup>12</sup>	g/L	0.550	0.426 - 0.674	0.041
		µmol/L	1.02	0.79 - 1.25	0.08		µmol/L	1.07	0.83 - 1.31	0.08
	BS-200 <sup>3</sup>	g/L	0.537	0.416 - 0.658	0.040	BS-430 <sup>13</sup>	g/L	0.571	0.443 - 0.699	0.043
		µmol/L	1.05	0.81 - 1.28	0.08		µmol/L	1.11	0.86 - 1.36	0.08
	BS-200E <sup>4</sup>	g/L	0.578	0.448 - 0.708	0.043	BS-480 <sup>14</sup>	g/L	0.536	0.415 - 0.657	0.040
		µmol/L	1.13	0.87 - 1.38	0.08		µmol/L	1.05	0.81 - 1.28	0.08
	BS-230 <sup>5</sup>	g/L	0.532	0.412 - 0.652	0.040	BS-600 <sup>15</sup>	g/L	0.535	0.415 - 0.655	0.040
		µmol/L	1.04	0.80 - 1.27	0.08		µmol/L	1.04	0.81 - 1.28	0.08
	BS-240E <sup>6</sup>	g/L	0.526	0.408 - 0.644	0.039	BS-600M <sup>16</sup>	g/L	0.549	0.425 - 0.673	0.041
		µmol/L	1.03	0.80 - 1.26	0.08		µmol/L	1.07	0.83 - 1.31	0.08
	BS-300 <sup>7</sup>	g/L	0.548	0.425 - 0.671	0.041	BS-620M <sup>17</sup>	g/L	0.549	0.425 - 0.673	0.041
		µmol/L	1.07	0.83 - 1.31	0.08		µmol/L	1.07	0.83 - 1.31	0.08
	BS-330 <sup>8</sup>	g/L	0.537	0.416 - 0.658	0.040	BS-800 <sup>18</sup>	g/L	0.570	0.442 - 0.698	0.043
		µmol/L	1.05	0.81 - 1.28	0.08		µmol/L	1.11	0.86 - 1.36	0.08
	BS-330E <sup>9</sup>	g/L	0.578	0.448 - 0.708	0.043	BS-2000 <sup>19</sup>	g/L	0.544	0.422 - 0.666	0.041
		µmol/L	1.13	0.87 - 1.38	0.08		µmol/L	1.06	0.82 - 1.30	0.08
	BS-360E <sup>10</sup>	g/L	0.560	0.434 - 0.686	0.042	BS-2800M <sup>20</sup>	g/L	0.549	0.425 - 0.673	0.041
		µmol/L	1.09	0.85 - 1.34	0.08		µmol/L	1.07	0.83 - 1.31	0.08

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
C3	BS-120 <sup>1</sup>	g/L	1.04	0.83	—	1.25	0.07	BS-380 <sup>11</sup>	g/L	1.03	0.82	—	1.24	0.07
	BS-180 <sup>2</sup>	g/L	1.04	0.83	—	1.25	0.07	BS-400 <sup>12</sup>	g/L	1.03	0.82	—	1.24	0.07
	BS-200 <sup>3</sup>	g/L	1.06	0.85	—	1.27	0.07	BS-430 <sup>13</sup>	g/L	1.04	0.83	—	1.25	0.07
	BS-200E <sup>4</sup>	g/L	1.08	0.86	—	1.30	0.07	BS-480 <sup>14</sup>	g/L	1.00	0.80	—	1.20	0.07
	BS-230 <sup>5</sup>	g/L	0.969	0.773	—	1.165	0.065	BS-600 <sup>15</sup>	g/L	1.02	0.81	—	1.23	0.07
	BS-240E <sup>6</sup>	g/L	1.10	0.88	—	1.32	0.07	BS-600M <sup>16</sup>	g/L	1.03	0.82	—	1.24	0.07
	BS-300 <sup>7</sup>	g/L	1.04	0.83	—	1.25	0.07	BS-620M <sup>17</sup>	g/L	1.03	0.82	—	1.24	0.07
	BS-330 <sup>8</sup>	g/L	1.06	0.85	—	1.27	0.07	BS-800 <sup>18</sup>	g/L	1.03	0.82	—	1.24	0.07
	BS-330E <sup>9</sup>	g/L	1.08	0.86	—	1.30	0.07	BS-2000 <sup>19</sup>	g/L	1.03	0.82	—	1.24	0.07
	BS-360E <sup>10</sup>	g/L	1.03	0.82	—	1.24	0.07	BS-2800M <sup>20</sup>	g/L	1.02	0.81	—	1.23	0.07
C4	BS-120 <sup>1</sup>	g/L	0.171	0.136	—	0.206	0.012	BS-380 <sup>11</sup>	g/L	0.168	0.134	—	0.202	0.011
		μmol/L	0.855	0.680	—	1.030	0.060		μmol/L	0.840	0.670	—	1.010	0.055
	BS-180 <sup>2</sup>	g/L	0.171	0.136	—	0.206	0.012	BS-400 <sup>12</sup>	g/L	0.171	0.136	—	0.206	0.012
		μmol/L	0.855	0.680	—	1.030	0.060		μmol/L	0.855	0.680	—	1.030	0.060
	BS-200 <sup>3</sup>	g/L	0.165	0.132	—	0.198	0.011	BS-430 <sup>13</sup>	g/L	0.176	0.140	—	0.212	0.012
		μmol/L	0.825	0.660	—	0.990	0.055		μmol/L	0.880	0.700	—	1.060	0.060
	BS-200E <sup>4</sup>	g/L	0.164	0.131	—	0.197	0.011	BS-480 <sup>14</sup>	g/L	0.168	0.134	—	0.202	0.011
		μmol/L	0.820	0.655	—	0.985	0.055		μmol/L	0.840	0.670	—	1.010	0.055
	BS-230 <sup>5</sup>	g/L	0.164	0.131	—	0.197	0.011	BS-600 <sup>15</sup>	g/L	0.170	0.136	—	0.204	0.011
		μmol/L	0.820	0.655	—	0.985	0.055		μmol/L	0.850	0.680	—	1.020	0.055
	BS-240E <sup>6</sup>	g/L	0.172	0.137	—	0.207	0.012	BS-600M <sup>16</sup>	g/L	0.173	0.138	—	0.208	0.012
		μmol/L	0.860	0.685	—	1.035	0.060		μmol/L	0.865	0.690	—	1.040	0.060
	BS-300 <sup>7</sup>	g/L	0.169	0.135	—	0.203	0.011	BS-620M <sup>17</sup>	g/L	0.173	0.138	—	0.208	0.012
		μmol/L	0.845	0.675	—	1.015	0.055		μmol/L	0.865	0.690	—	1.040	0.060
	BS-330 <sup>8</sup>	g/L	0.165	0.132	—	0.198	0.011	BS-800 <sup>18</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
	BS-330E <sup>9</sup>	g/L	0.164	0.131	—	0.197	0.011	BS-2000 <sup>19</sup>	g/L	0.167	0.133	—	0.201	0.011
		μmol/L	0.820	0.655	—	0.985	0.055		μmol/L	0.835	0.665	—	1.005	0.055
	BS-360E <sup>10</sup>	g/L	0.173	0.138	—	0.208	0.012	BS-2800M <sup>20</sup>	g/L	0.169	0.135	—	0.203	0.011
		μmol/L	0.865	0.690	—	1.040	0.060		μmol/L	0.845	0.675	—	1.015	0.055
CRP II	BS-120 <sup>1</sup>	mg/L	5.49	3.84	—	7.14	0.55	BS-380 <sup>11</sup>	mg/L	6.23	4.36	—	8.10	0.62
		nmol/L	52.3	36.6	—	68.0	5.2		nmol/L	59.3	41.5	—	77.1	5.9
	BS-180 <sup>2</sup>	mg/L	5.49	3.84	—	7.14	0.55	BS-400 <sup>12</sup>	mg/L	5.58	3.91	—	7.25	0.56
		nmol/L	52.3	36.6	—	68.0	5.2		nmol/L	53.1	37.2	—	69.0	5.3
	BS-200 <sup>3</sup>	mg/L	5.10	3.57	—	6.63	0.51	BS-430 <sup>13</sup>	mg/L	6.96	4.87	—	9.05	0.70
		nmol/L	48.6	34.0	—	63.1	4.9		nmol/L	66.3	46.4	—	86.2	6.7
	BS-200E <sup>4</sup>	mg/L	6.17	4.32	—	8.02	0.62	BS-480 <sup>14</sup>	mg/L	6.17	4.32	—	8.02	0.62
		nmol/L	58.7	41.1	—	76.4	5.9		nmol/L	58.7	41.1	—	76.4	5.9
	BS-230 <sup>5</sup>	mg/L	5.53	3.87	—	7.19	0.55	BS-600 <sup>15</sup>	mg/L	5.81	4.07	—	7.55	0.58
		nmol/L	52.6	36.8	—	68.4	5.2		nmol/L	55.3	38.7	—	71.9	5.5
	BS-240E <sup>6</sup>	mg/L	5.35	3.75	—	6.96	0.54	BS-600M <sup>16</sup>	mg/L	6.82	4.77	—	8.87	0.68
		nmol/L	50.9	35.7	—	66.3	5.1		nmol/L	64.9	45.4	—	84.4	6.5
	BS-300 <sup>7</sup>	mg/L	7.20	5.04	—	9.36	0.72	BS-620M <sup>17</sup>	mg/L	6.82	4.77	—	8.87	0.68
		nmol/L	68.5	48.0	—	89.1	6.9		nmol/L	64.9	45.4	—	84.4	6.5
	BS-330 <sup>8</sup>	mg/L	5.10	3.57	—	6.63	0.51	BS-800 <sup>18</sup>	mg/L	6.82	4.77	—	8.87	0.68
		nmol/L	48.6	34.0	—	63.1	4.9		nmol/L	64.9	45.4	—	84.4	6.5
	BS-330E <sup>9</sup>	mg/L	6.17	4.32	—	8.02	0.62	BS-2000 <sup>19</sup>	mg/L	5.30	3.71	—	6.89	0.53
		nmol/L	58.7	41.1	—	76.4	5.9		nmol/L	50.5	35.3	—	65.6	5.0
	BS-360E <sup>10</sup>	mg/L	6.82	4.77	—	8.87	0.68	BS-2800M <sup>20</sup>	mg/L	/	/	—	/	/
		nmol/L	64.9	45.4	—	84.4	6.5		nmol/L	/	/	—	/	/

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD			
IgA II	BS-200 <sup>3</sup>	g/L	1.74	1.35	—	2.13	0.13	BS-430 <sup>13</sup>	g/L	1.63	1.26	—	2.00	0.12	
		μmol/L	10.9	8.4	—	13.3	0.8		μmol/L	10.2	7.9	—	12.5	0.8	
	BS-200E <sup>4</sup>	g/L	1.66	1.29	—	2.03	0.12	BS-480 <sup>14</sup>	g/L	1.59	1.23	—	1.95	0.12	
		μmol/L	10.4	8.1	—	12.7	0.8		μmol/L	9.94	7.69	—	12.19	0.75	
	BS-230 <sup>5</sup>	g/L	1.57	1.22	—	1.92	0.12	BS-600 <sup>15</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-240E <sup>6</sup>	g/L	1.76	1.36	—	2.16	0.13	BS-600M <sup>16</sup>	g/L	1.60	1.24	—	1.96	0.12	
		μmol/L	11.0	8.5	—	13.5	0.8		μmol/L	10.0	7.8	—	12.3	0.8	
	BS-330 <sup>8</sup>	g/L	1.74	1.35	—	2.13	0.13	BS-620M <sup>17</sup>	g/L	1.60	1.24	—	1.96	0.12	
		μmol/L	10.9	8.4	—	13.3	0.8		μmol/L	10.0	7.8	—	12.3	0.8	
	BS-330E <sup>9</sup>	g/L	1.66	1.29	—	2.03	0.12	BS-800 <sup>18</sup>	g/L	1.61	1.25	—	1.97	0.12	
		μmol/L	10.4	8.1	—	12.7	0.8		μmol/L	10.1	7.8	—	12.3	0.8	
	BS-360E <sup>10</sup>	g/L	1.67	1.29	—	2.05	0.13	BS-2000 <sup>19</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-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	1.60	1.24	—	1.96	0.12								
		μmol/L	10.0	7.8	—	12.3	0.8								
	IgG	BS-120 <sup>1</sup>	g/L	8.62	6.68	—	10.56	0.65	BS-380 <sup>11</sup>	g/L	7.45	5.77	—	9.13	0.56
			μmol/L	57.5	44.6	—	70.4	4.3		μmol/L	49.7	38.5	—	60.9	3.7
BS-180 <sup>2</sup>		g/L	8.62	6.68	—	10.56	0.65	BS-400 <sup>12</sup>	g/L	7.45	5.77	—	9.13	0.56	
		μmol/L	57.5	44.6	—	70.4	4.3		μmol/L	49.7	38.5	—	60.9	3.7	
BS-200 <sup>3</sup>		g/L	8.57	6.64	—	10.50	0.64	BS-430 <sup>13</sup>	g/L	7.67	5.94	—	9.40	0.58	
		μmol/L	57.2	44.3	—	70.0	4.3		μmol/L	51.2	39.6	—	62.7	3.9	
BS-200E <sup>4</sup>		g/L	7.45	5.77	—	9.13	0.56	BS-480 <sup>14</sup>	g/L	7.41	5.74	—	9.08	0.56	
		μmol/L	49.7	38.5	—	60.9	3.7		μmol/L	49.4	38.3	—	60.6	3.7	
BS-230 <sup>5</sup>		g/L	7.37	5.71	—	9.03	0.55	BS-600 <sup>15</sup>	g/L	7.67	5.94	—	9.40	0.58	
		μmol/L	49.2	38.1	—	60.2	3.7		μmol/L	51.2	39.6	—	62.7	3.9	
BS-240E <sup>6</sup>		g/L	7.67	5.94	—	9.40	0.58	BS-600M <sup>16</sup>	g/L	7.50	5.81	—	9.19	0.56	
		μmol/L	51.2	39.6	—	62.7	3.9		μmol/L	50.0	38.8	—	61.3	3.7	
BS-300 <sup>7</sup>		g/L	7.45	5.77	—	9.13	0.56	BS-620M <sup>17</sup>	g/L	7.50	5.81	—	9.19	0.56	
		μmol/L	49.7	38.5	—	60.9	3.7		μmol/L	50.0	38.8	—	61.3	3.7	
BS-330 <sup>8</sup>		g/L	8.57	6.64	—	10.50	0.64	BS-800 <sup>18</sup>	g/L	7.67	5.94	—	9.40	0.58	
		μmol/L	57.2	44.3	—	70.0	4.3		μmol/L	51.2	39.6	—	62.7	3.9	
BS-330E <sup>9</sup>		g/L	7.45	5.77	—	9.13	0.56	BS-2000 <sup>19</sup>	g/L	7.66	5.94	—	9.38	0.57	
		μmol/L	49.7	38.5	—	60.9	3.7		μmol/L	51.1	39.6	—	62.6	3.8	
BS-360E <sup>10</sup>		g/L	7.38	5.72	—	9.04	0.55	BS-2800M <sup>20</sup>	g/L	7.50	5.81	—	9.19	0.56	
		μmol/L	49.2	38.2	—	60.3	3.7		μmol/L	50.0	38.8	—	61.3	3.7	
IgM	BS-120 <sup>1</sup>	g/L	0.745	0.577	—	0.913	0.056	BS-380 <sup>11</sup>	g/L	0.693	0.537	—	0.849	0.052	
		μmol/L	0.767	0.594	—	0.940	0.058		μmol/L	0.714	0.553	—	0.874	0.054	
	BS-180 <sup>2</sup>	g/L	0.745	0.577	—	0.913	0.056	BS-400 <sup>12</sup>	g/L	0.696	0.539	—	0.853	0.052	
		μmol/L	0.767	0.594	—	0.940	0.058		μmol/L	0.717	0.555	—	0.879	0.054	
	BS-200 <sup>3</sup>	g/L	0.743	0.576	—	0.910	0.056	BS-430 <sup>13</sup>	g/L	0.713	0.553	—	0.873	0.053	
		μmol/L	0.765	0.593	—	0.937	0.058		μmol/L	0.734	0.570	—	0.899	0.055	
	BS-200E <sup>4</sup>	g/L	0.705	0.546	—	0.864	0.053	BS-480 <sup>14</sup>	g/L	0.707	0.548	—	0.866	0.053	
		μmol/L	0.726	0.562	—	0.890	0.055		μmol/L	0.728	0.564	—	0.892	0.055	
	BS-230 <sup>5</sup>	g/L	0.708	0.549	—	0.867	0.053	BS-600 <sup>15</sup>	g/L	0.696	0.539	—	0.853	0.052	
		μmol/L	0.729	0.565	—	0.893	0.055		μmol/L	0.717	0.555	—	0.879	0.054	
	BS-240E <sup>6</sup>	g/L	0.719	0.557	—	0.881	0.054	BS-600M <sup>16</sup>	g/L	0.710	0.550	—	0.870	0.053	
		μmol/L	0.741	0.574	—	0.907	0.056		μmol/L	0.731	0.567	—	0.896	0.055	
	BS-300 <sup>7</sup>	g/L	0.715	0.554	—	0.876	0.054	BS-620M <sup>17</sup>	g/L	0.710	0.550	—	0.870	0.053	
		μmol/L	0.736	0.571	—	0.902	0.056		μmol/L	0.731	0.567	—	0.896	0.055	
	BS-330 <sup>8</sup>	g/L	0.743	0.576	—	0.910	0.056	BS-800 <sup>18</sup>	g/L	0.716	0.555	—	0.877	0.054	
		μmol/L	0.765	0.593	—	0.937	0.058		μmol/L	0.737	0.572	—	0.903	0.056	
	BS-330E <sup>9</sup>	g/L	0.705	0.546	—	0.864	0.053	BS-2000 <sup>19</sup>	g/L	0.719	0.557	—	0.881	0.054	
		μmol/L	0.726	0.562	—	0.890	0.055		μmol/L	0.741	0.574	—	0.907	0.056	
	BS-360E <sup>10</sup>	g/L	0.699	0.542	—	0.856	0.052	BS-2800M <sup>20</sup>	g/L	0.710	0.550	—	0.870	0.053	
		μmol/L	0.720	0.558	—	0.882	0.054		μmol/L	0.731	0.567	—	0.896	0.055	

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD
<b>PA</b>	<b>BS-120</b> <sup>1</sup>	mg/L	131	102 — 160	10	<b>BS-380</b> <sup>11</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
	<b>BS-180</b> <sup>2</sup>	mg/L	131	102 — 160	10	<b>BS-400</b> <sup>12</sup>	mg/L	137	106 — 168	10
		μmol/L	2.38	1.86 — 2.91	0.18		μmol/L	2.49	1.93 — 3.06	0.18
	<b>BS-200</b> <sup>3</sup>	mg/L	135	105 — 165	10	<b>BS-430</b> <sup>13</sup>	mg/L	140	109 — 172	11
		μmol/L	2.46	1.91 — 3.00	0.18		μmol/L	2.55	1.98 — 3.13	0.20
	<b>BS-200E</b> <sup>4</sup>	mg/L	135	105 — 165	10	<b>BS-480</b> <sup>14</sup>	mg/L	137	106 — 168	10
		μmol/L	2.46	1.91 — 3.00	0.18		μmol/L	2.49	1.93 — 3.06	0.18
	<b>BS-230</b> <sup>5</sup>	mg/L	134	104 — 164	10	<b>BS-600</b> <sup>15</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
	<b>BS-240E</b> <sup>6</sup>	mg/L	137	106 — 168	10	<b>BS-600M</b> <sup>16</sup>	mg/L	139	108 — 170	10
		μmol/L	2.49	1.93 — 3.06	0.18		μmol/L	2.53	1.97 — 3.09	0.18
	<b>BS-300</b> <sup>7</sup>	mg/L	143	111 — 175	11	<b>BS-620M</b> <sup>17</sup>	mg/L	139	108 — 170	10
		μmol/L	2.60	2.02 — 3.19	0.20		μmol/L	2.53	1.97 — 3.09	0.18
	<b>BS-330</b> <sup>8</sup>	mg/L	135	105 — 165	10	<b>BS-800</b> <sup>18</sup>	mg/L	137	106 — 168	10
		μmol/L	2.46	1.91 — 3.00	0.18		μmol/L	2.49	1.93 — 3.06	0.18
	<b>BS-330E</b> <sup>9</sup>	mg/L	135	105 — 165	10	<b>BS-2000</b> <sup>19</sup>	mg/L	140	109 — 172	11
		μmol/L	2.46	1.91 — 3.00	0.18		μmol/L	2.55	1.98 — 3.13	0.20
	<b>BS-360E</b> <sup>10</sup>	mg/L	137	106 — 168	10	<b>BS-2800M</b> <sup>20</sup>	mg/L	139	108 — 170	10
		μmol/L	2.49	1.93 — 3.06	0.18		μmol/L	2.53	1.97 — 3.09	0.18
<b>LDH</b>	<b>BS-120</b> <sup>1</sup>	U/L	156	133 — 179	8	<b>BS-380</b> <sup>11</sup>	U/L	158	134 — 182	8
		μkat/L	2.61	2.22 — 2.99	0.13		μkat/L	2.64	2.24 — 3.04	0.13
	<b>BS-180</b> <sup>2</sup>	U/L	156	133 — 179	8	<b>BS-400</b> <sup>12</sup>	U/L	158	134 — 182	8
		μkat/L	2.61	2.22 — 2.99	0.13		μkat/L	2.64	2.24 — 3.04	0.13
	<b>BS-200</b> <sup>3</sup>	U/L	155	132 — 178	8	<b>BS-430</b> <sup>13</sup>	U/L	158	134 — 182	8
		μkat/L	2.59	2.20 — 2.97	0.13		μkat/L	2.64	2.24 — 3.04	0.13
	<b>BS-200E</b> <sup>4</sup>	U/L	153	130 — 176	8	<b>BS-480</b> <sup>14</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
	<b>BS-230</b> <sup>5</sup>	U/L	160	136 — 184	8	<b>BS-600</b> <sup>15</sup>	U/L	157	133 — 181	8
		μkat/L	2.67	2.27 — 3.07	0.13		μkat/L	2.62	2.22 — 3.02	0.13
	<b>BS-240E</b> <sup>6</sup>	U/L	156	133 — 179	8	<b>BS-600M</b> <sup>16</sup>	U/L	157	133 — 181	8
		μkat/L	2.61	2.22 — 2.99	0.13		μkat/L	2.62	2.22 — 3.02	0.13
	<b>BS-300</b> <sup>7</sup>	U/L	158	134 — 182	8	<b>BS-620M</b> <sup>17</sup>	U/L	157	133 — 181	8
		μkat/L	2.64	2.24 — 3.04	0.13		μkat/L	2.62	2.22 — 3.02	0.13
	<b>BS-330</b> <sup>8</sup>	U/L	155	132 — 178	8	<b>BS-800</b> <sup>18</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
	<b>BS-330E</b> <sup>9</sup>	U/L	153	130 — 176	8	<b>BS-2000</b> <sup>19</sup>	U/L	155	132 — 178	8
		μkat/L	2.56	2.17 — 2.94	0.13		μkat/L	2.59	2.20 — 2.97	0.13
	<b>BS-360E</b> <sup>10</sup>	U/L	157	133 — 181	8	<b>BS-2800M</b> <sup>20</sup>	U/L	155	132 — 178	8
		μkat/L	2.62	2.22 — 3.02	0.13		μkat/L	2.59	2.20 — 2.97	0.13
<b>Mg II</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	0.828	0.729 — 0.927	0.033	<b>BS-380</b> <sup>11</sup>	mmol/L	0.852	0.750 — 0.954	0.034
		mg/dL	2.01	1.77 — 2.25	0.08		mg/dL	2.07	1.82 — 2.32	0.08
	<b>BS-180</b> <sup>2</sup>	mmol/L	0.828	0.729 — 0.927	0.033	<b>BS-400</b> <sup>12</sup>	mmol/L	0.852	0.750 — 0.954	0.034
		mg/dL	2.01	1.77 — 2.25	0.08		mg/dL	2.07	1.82 — 2.32	0.08
	<b>BS-200</b> <sup>3</sup>	mmol/L	0.860	0.757 — 0.963	0.034	<b>BS-430</b> <sup>13</sup>	mmol/L	0.838	0.737 — 0.939	0.034
		mg/dL	2.09	1.84 — 2.34	0.08		mg/dL	2.04	1.79 — 2.28	0.08
	<b>BS-200E</b> <sup>4</sup>	mmol/L	0.848	0.746 — 0.950	0.034	<b>BS-480</b> <sup>14</sup>	mmol/L	0.852	0.750 — 0.954	0.034
		mg/dL	2.06	1.81 — 2.31	0.08		mg/dL	2.07	1.82 — 2.32	0.08
	<b>BS-230</b> <sup>5</sup>	mmol/L	0.862	0.759 — 0.965	0.034	<b>BS-600</b> <sup>15</sup>	mmol/L	0.840	0.739 — 0.941	0.034
		mg/dL	2.09	1.84 — 2.34	0.08		mg/dL	2.04	1.80 — 2.29	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	0.856	0.753 — 0.959	0.034
		mg/dL	2.06	1.81 — 2.30	0.08		mg/dL	2.08	1.83 — 2.33	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	0.856	0.753 — 0.959	0.034
		mg/dL	2.07	1.82 — 2.32	0.08		mg/dL	2.08	1.83 — 2.33	0.08
	<b>BS-330</b> <sup>8</sup>	mmol/L	0.860	0.757 — 0.963	0.034	<b>BS-800</b> <sup>18</sup>	mmol/L	0.838	0.737 — 0.939	0.034
		mg/dL	2.09	1.84 — 2.34	0.08		mg/dL	2.04	1.79 — 2.28	0.08
	<b>BS-330E</b> <sup>9</sup>	mmol/L	0.848	0.746 — 0.950	0.034	<b>BS-2000</b> <sup>19</sup>	mmol/L	0.851	0.749 — 0.953	0.034
		mg/dL	2.06	1.81 — 2.31	0.08		mg/dL	2.07	1.82 — 2.32	0.08
	<b>BS-360E</b> <sup>10</sup>	mmol/L	0.817	0.719 — 0.915	0.033	<b>BS-2800M</b> <sup>20</sup>	mmol/L	0.859	0.756 — 0.962	0.034
		mg/dL	1.99	1.75 — 2.22	0.08		mg/dL	2.09	1.84 — 2.34	0.08

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)			1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)			1 SD
<b>P</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	1.23	1.05	—	1.41	0.06	<b>BS-380</b> <sup>11</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-180</b> <sup>2</sup>	mmol/L	1.23	1.05	—	1.41	0.06	<b>BS-400</b> <sup>12</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-200</b> <sup>3</sup>	mmol/L	1.21	1.03	—	1.39	0.06	<b>BS-430</b> <sup>13</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-200E</b> <sup>4</sup>	mmol/L	1.23	1.05	—	1.41	0.06	<b>BS-480</b> <sup>14</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-230</b> <sup>5</sup>	mmol/L	1.24	1.05	—	1.43	0.06	<b>BS-600</b> <sup>15</sup>	mmol/L	1.22	1.04	—	1.40	0.06
		mg/dL	3.84	3.26	—	4.43	0.19		mg/dL	3.78	3.22	—	4.34	0.19
	<b>BS-240E</b> <sup>6</sup>	mmol/L	1.22	1.04	—	1.40	0.06	<b>BS-600M</b> <sup>16</sup>	mmol/L	1.25	1.06	—	1.44	0.06
		mg/dL	3.78	3.22	—	4.34	0.19		mg/dL	3.88	3.29	—	4.46	0.19
	<b>BS-300</b> <sup>7</sup>	mmol/L	1.22	1.04	—	1.40	0.06	<b>BS-620M</b> <sup>17</sup>	mmol/L	1.25	1.06	—	1.44	0.06
		mg/dL	3.78	3.22	—	4.34	0.19		mg/dL	3.88	3.29	—	4.46	0.19
	<b>BS-330</b> <sup>8</sup>	mmol/L	1.21	1.03	—	1.39	0.06	<b>BS-800</b> <sup>18</sup>	mmol/L	1.22	1.04	—	1.40	0.06
		mg/dL	3.75	3.19	—	4.31	0.19		mg/dL	3.78	3.22	—	4.34	0.19
	<b>BS-330E</b> <sup>9</sup>	mmol/L	1.23	1.05	—	1.41	0.06	<b>BS-2000</b> <sup>19</sup>	mmol/L	1.22	1.04	—	1.40	0.06
		mg/dL	3.81	3.26	—	4.37	0.19		mg/dL	3.78	3.22	—	4.34	0.19
	<b>BS-360E</b> <sup>10</sup>	mmol/L	1.25	1.06	—	1.44	0.06	<b>BS-2800M</b> <sup>20</sup>	mmol/L	/	/	—	/	/
		mg/dL	3.88	3.29	—	4.46	0.19		mg/dL	/	/	—	/	/
<b>P II</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	1.19	1.01	—	1.37	0.06	<b>BS-380</b> <sup>11</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-180</b> <sup>2</sup>	mmol/L	1.19	1.01	—	1.37	0.06	<b>BS-400</b> <sup>12</sup>	mmol/L	1.18	1.00	—	1.36	0.06
		mg/dL	3.69	3.13	—	4.25	0.19		mg/dL	3.66	3.10	—	4.22	0.19
	<b>BS-200</b> <sup>3</sup>	mmol/L	1.18	1.00	—	1.36	0.06	<b>BS-430</b> <sup>13</sup>	mmol/L	1.20	1.02	—	1.38	0.06
		mg/dL	3.66	3.10	—	4.22	0.19		mg/dL	3.72	3.16	—	4.28	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	1.21	1.03	—	1.39	0.06
		mg/dL	3.69	3.13	—	4.25	0.19		mg/dL	3.75	3.19	—	4.31	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	1.21	1.03	—	1.39	0.06
		mg/dL	3.75	3.19	—	4.31	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	1.19	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-300</b> <sup>7</sup>	mmol/L	1.20	1.02	—	1.38	0.06	<b>BS-620M</b> <sup>17</sup>	mmol/L	1.19	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-330</b> <sup>8</sup>	mmol/L	1.18	1.00	—	1.36	0.06	<b>BS-800</b> <sup>18</sup>	mmol/L	1.21	1.03	—	1.39	0.06
		mg/dL	3.66	3.10	—	4.22	0.19		mg/dL	3.75	3.19	—	4.31	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	1.19	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-360E</b> <sup>10</sup>	mmol/L	1.16	0.99	—	1.33	0.06	<b>BS-2800M</b> <sup>20</sup>	mmol/L	1.19	1.01	—	1.37	0.06
		mg/dL	3.60	3.07	—	4.12	0.19		mg/dL	3.69	3.13	—	4.25	0.19
<b>TP</b>	<b>BS-120</b> <sup>1</sup>	g/L	50.4	42.8	—	58.0	2.5	<b>BS-380</b> <sup>11</sup>	g/L	50.2	42.7	—	57.7	2.5
		g/L	50.4	42.8	—	58.0	2.5		g/L	50.8	43.2	—	58.4	2.5
	<b>BS-180</b> <sup>2</sup>	g/L	50.4	42.8	—	58.0	2.5	<b>BS-400</b> <sup>12</sup>	g/L	50.8	43.2	—	58.4	2.5
		g/L	51.3	43.6	—	59.0	2.6		g/L	50.6	43.0	—	58.2	2.5
	<b>BS-200</b> <sup>3</sup>	g/L	51.3	43.6	—	59.0	2.6	<b>BS-430</b> <sup>13</sup>	g/L	50.6	43.0	—	58.2	2.5
		g/L	51.3	43.6	—	59.0	2.6		g/L	50.7	43.1	—	58.3	2.5
	<b>BS-200E</b> <sup>4</sup>	g/L	51.3	43.6	—	59.0	2.6	<b>BS-480</b> <sup>14</sup>	g/L	50.7	43.1	—	58.3	2.5
		g/L	51.4	43.7	—	59.1	2.6		g/L	50.6	43.0	—	58.2	2.5
	<b>BS-230</b> <sup>5</sup>	g/L	51.4	43.7	—	59.1	2.6	<b>BS-600</b> <sup>15</sup>	g/L	50.6	43.0	—	58.2	2.5
		g/L	50.6	43.0	—	58.2	2.5		g/L	50.6	43.0	—	58.2	2.5
<b>BS-240E</b> <sup>6</sup>	g/L	50.6	43.0	—	58.2	2.5	<b>BS-600M</b> <sup>15</sup>	g/L	50.6	43.0	—	58.2	2.5	
	g/L	50.6	43.0	—	58.2	2.5		g/L	50.6	43.0	—	58.2	2.5	
<b>BS-300</b> <sup>7</sup>	g/L	50.6	43.0	—	58.2	2.5	<b>BS-620M</b> <sup>16</sup>	g/L	50.6	43.0	—	58.2	2.5	
	g/L	51.3	43.6	—	59.0	2.6		g/L	50.6	43.0	—	58.2	2.5	
<b>BS-330</b> <sup>8</sup>	g/L	51.3	43.6	—	59.0	2.6	<b>BS-800</b> <sup>16</sup>	g/L	50.6	43.0	—	58.2	2.5	
	g/L	51.3	43.6	—	59.0	2.6		g/L	51.5	43.8	—	59.2	2.6	
<b>BS-330E</b> <sup>9</sup>	g/L	51.3	43.6	—	59.0	2.6	<b>BS-2000</b> <sup>17</sup>	g/L	51.5	43.8	—	59.2	2.6	
	g/L	50.6	43.0	—	58.2	2.5		g/L	/	/	—	/	/	
<b>BS-360E</b> <sup>10</sup>	g/L	50.6	43.0	—	58.2	2.5	<b>BS-2800M</b> <sup>18</sup>	g/L	/	/	—	/	/	
	g/L	50.5	42.9	—	58.1	2.5	<b>BS-380</b> <sup>11</sup>	g/L	50.0	42.5	—	57.5	2.5	
<b>TP II</b>	<b>BS-180</b> <sup>2</sup>	g/L	50.5	42.9	—	58.1	2.5	<b>BS-400</b> <sup>12</sup>	g/L	50.0	42.5	—	57.5	2.5
		g/L	50.5	42.9	—	58.1	2.5		g/L	50.9	43.3	—	58.5	2.5
	<b>BS-200</b> <sup>3</sup>	g/L	50.5	42.9	—	58.1	2.5	<b>BS-430</b> <sup>13</sup>	g/L	50.9	43.3	—	58.5	2.5
		g/L	50.5	42.9	—	58.1	2.5		g/L	50.3	42.8	—	57.8	2.5
	<b>BS-200E</b> <sup>4</sup>	g/L	50.5	42.9	—	58.1	2.5	<b>BS-480</b> <sup>14</sup>	g/L	50.3	42.8	—	57.8	2.5
		g/L	50.1	42.6	—	57.6	2.5		g/L	50.9	43.3	—	58.5	2.5
	<b>BS-230</b> <sup>5</sup>	g/L	50.1	42.6	—	57.6	2.5	<b>BS-600</b> <sup>15</sup>	g/L	50.9	43.3	—	58.5	2.5
		g/L	49.9	42.4	—	57.4	2.5		g/L	51.1	43.4	—	58.8	2.6
	<b>BS-240E</b> <sup>6</sup>	g/L	49.9	42.4	—	57.4	2.5	<b>BS-600M</b> <sup>15</sup>	g/L	51.1	43.4	—	58.8	2.6
		g/L	50.4	42.8	—	58.0	2.5		g/L	51.1	43.4	—	58.8	2.6
<b>BS-300</b> <sup>7</sup>	g/L	50.4	42.8	—	58.0	2.5	<b>BS-620M</b> <sup>16</sup>	g/L	51.1	43.4	—	58.8	2.6	
	g/L	50.5	42.9	—	58.1	2.5		g/L	50.9	43.3	—	58.5	2.5	
<b>BS-330</b> <sup>8</sup>	g/L	50.5	42.9	—	58.1	2.5	<b>BS-800</b> <sup>16</sup>	g/L	50.9	43.3	—	58.5	2.5	
	g/L	50.5	42.9	—	58.1	2.5		g/L	51.0	43.4	—	58.7	2.6	
<b>BS-330E</b> <sup>9</sup>	g/L	50.5	42.9	—	58.1	2.5	<b>BS-2000</b> <sup>17</sup>	g/L	51.0	43.4	—	58.7	2.6	
	g/L	50.4	42.8	—	58.0	2.5		<b>BS-2800M</b> <sup>18</sup>	g/L	51.2	43.5	—	58.9	2.6

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)			1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)			1 SD	
TG	BS-120 <sup>1</sup>	mmol/L	1.27	1.10	—	1.44	0.06	BS-380 <sup>11</sup>	mmol/L	1.28	1.11	—	1.45	0.06	
		mg/dL	112	97	—	127	5		mg/dL	113	98	—	128	5	
	BS-180 <sup>2</sup>	mmol/L	1.27	1.10	—	1.44	0.06	BS-400 <sup>12</sup>	mmol/L	1.26	1.09	—	1.43	0.06	
		mg/dL	112	97	—	127	5		mg/dL	112	96	—	127	5	
	BS-200 <sup>3</sup>	mmol/L	1.28	1.11	—	1.45	0.06	BS-430 <sup>13</sup>	mmol/L	1.27	1.10	—	1.44	0.06	
		mg/dL	113	98	—	128	5		mg/dL	112	97	—	127	5	
	BS-200E <sup>4</sup>	mmol/L	1.27	1.10	—	1.44	0.06	BS-480 <sup>14</sup>	mmol/L	1.25	1.08	—	1.42	0.06	
		mg/dL	112	97	—	127	5		mg/dL	111	96	—	126	5	
	BS-230 <sup>5</sup>	mmol/L	1.28	1.11	—	1.45	0.06	BS-600 <sup>15</sup>	mmol/L	1.27	1.10	—	1.44	0.06	
		mg/dL	113	98	—	128	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	1.31	1.13	—	1.49	0.06	
		mg/dL	112	96	—	127	5		mg/dL	116	100	—	132	5	
	BS-300 <sup>7</sup>	mmol/L	1.26	1.09	—	1.43	0.06	BS-620M <sup>17</sup>	mmol/L	1.31	1.13	—	1.49	0.06	
		mg/dL	112	96	—	127	5		mg/dL	116	100	—	132	5	
	BS-330 <sup>8</sup>	mmol/L	1.28	1.11	—	1.45	0.06	BS-800 <sup>18</sup>	mmol/L	1.27	1.10	—	1.44	0.06	
		mg/dL	113	98	—	128	5		mg/dL	112	97	—	127	5	
	BS-330E <sup>9</sup>	mmol/L	1.27	1.10	—	1.44	0.06	BS-2000 <sup>19</sup>	mmol/L	1.30	1.12	—	1.48	0.06	
		mg/dL	112	97	—	127	5		mg/dL	115	99	—	131	5	
	BS-360E <sup>10</sup>	mmol/L	1.27	1.10	—	1.44	0.06	BS-2800M <sup>20</sup>	mmol/L	1.31	1.13	—	1.49	0.06	
		mg/dL	112	97	—	127	5		mg/dL	116	100	—	132	5	
	UA	BS-120 <sup>1</sup>	μmol/L	312	270	—	354	14	BS-380 <sup>11</sup>	μmol/L	316	273	—	359	14
			mg/dL	5.24	4.54	—	5.95	0.24		mg/dL	5.31	4.59	—	6.03	0.24
		BS-180 <sup>2</sup>	μmol/L	312	270	—	354	14	BS-400 <sup>12</sup>	μmol/L	316	273	—	359	14
			mg/dL	5.24	4.54	—	5.95	0.24		mg/dL	5.31	4.59	—	6.03	0.24
BS-200 <sup>3</sup>		μmol/L	300	260	—	341	14	BS-430 <sup>13</sup>	μmol/L	317	274	—	360	14	
		mg/dL	5.04	4.37	—	5.73	0.24		mg/dL	5.33	4.61	—	6.05	0.24	
BS-200E <sup>4</sup>		μmol/L	316	273	—	359	14	BS-480 <sup>14</sup>	μmol/L	317	274	—	360	14	
		mg/dL	5.31	4.59	—	6.03	0.24		mg/dL	5.33	4.61	—	6.05	0.24	
BS-230 <sup>5</sup>		μmol/L	317	274	—	360	14	BS-600 <sup>15</sup>	μmol/L	317	274	—	360	14	
		mg/dL	5.33	4.61	—	6.05	0.24		mg/dL	5.33	4.61	—	6.05	0.24	
BS-240E <sup>6</sup>		μmol/L	317	274	—	360	14	BS-600M <sup>16</sup>	μmol/L	326	282	—	370	15	
		mg/dL	5.33	4.61	—	6.05	0.24		mg/dL	5.48	4.74	—	6.22	0.25	
BS-300 <sup>7</sup>		μmol/L	316	273	—	359	14	BS-620M <sup>17</sup>	μmol/L	326	282	—	370	15	
		mg/dL	5.31	4.59	—	6.03	0.24		mg/dL	5.48	4.74	—	6.22	0.25	
BS-330 <sup>8</sup>		μmol/L	300	260	—	341	14	BS-800 <sup>18</sup>	μmol/L	317	274	—	360	14	
		mg/dL	5.04	4.37	—	5.73	0.24		mg/dL	5.33	4.61	—	6.05	0.24	
BS-330E <sup>9</sup>		μmol/L	316	273	—	359	14	BS-2000 <sup>19</sup>	μmol/L	319	276	—	362	14	
		mg/dL	5.31	4.59	—	6.03	0.24		mg/dL	5.36	4.64	—	6.08	0.24	
BS-360E <sup>10</sup>		μmol/L	316	273	—	359	14	BS-2800M <sup>20</sup>	μmol/L	326	282	—	370	15	
		mg/dL	5.31	4.59	—	6.03	0.24		mg/dL	5.48	4.74	—	6.22	0.25	
Urea		BS-120 <sup>1</sup>	mmol/L	6.85	5.82	—	7.88	0.34	BS-380 <sup>11</sup>	mmol/L	6.86	5.83	—	7.89	0.34
			mg/dL	41.1	35.0	—	47.3	2.0		mg/dL	41.2	35.0	—	47.4	2.0
		BS-180 <sup>2</sup>	mmol/L	6.85	5.82	—	7.88	0.34	BS-400 <sup>12</sup>	mmol/L	6.86	5.83	—	7.89	0.34
			mg/dL	41.1	35.0	—	47.3	2.0		mg/dL	41.2	35.0	—	47.4	2.0
	BS-200 <sup>3</sup>	mmol/L	6.85	5.82	—	7.88	0.34	BS-430 <sup>13</sup>	mmol/L	6.91	5.87	—	7.95	0.35	
		mg/dL	41.1	35.0	—	47.3	2.0		mg/dL	41.5	35.3	—	47.7	2.1	
	BS-200E <sup>4</sup>	mmol/L	6.89	5.86	—	7.92	0.34	BS-480 <sup>14</sup>	mmol/L	6.92	5.88	—	7.96	0.35	
		mg/dL	41.4	35.2	—	47.6	2.0		mg/dL	41.6	35.3	—	47.8	2.1	
	BS-230 <sup>5</sup>	mmol/L	6.83	5.81	—	7.85	0.34	BS-600 <sup>15</sup>	mmol/L	6.91	5.87	—	7.95	0.35	
		mg/dL	41.0	34.9	—	47.1	2.0		mg/dL	41.5	35.3	—	47.7	2.1	
	BS-240E <sup>6</sup>	mmol/L	6.89	5.86	—	7.92	0.34	BS-600M <sup>16</sup>	mmol/L	6.82	5.80	—	7.84	0.34	
		mg/dL	41.4	35.2	—	47.6	2.0		mg/dL	41.0	34.8	—	47.1	2.0	
	BS-300 <sup>7</sup>	mmol/L	6.86	5.83	—	7.89	0.34	BS-620M <sup>17</sup>	mmol/L	6.82	5.80	—	7.84	0.34	
		mg/dL	41.2	35.0	—	47.4	2.0		mg/dL	41.0	34.8	—	47.1	2.0	
	BS-330 <sup>8</sup>	mmol/L	6.85	5.82	—	7.88	0.34	BS-800 <sup>18</sup>	mmol/L	6.91	5.87	—	7.95	0.35	
		mg/dL	41.1	35.0	—	47.3	2.0		mg/dL	41.5	35.3	—	47.7	2.1	
	BS-330E <sup>9</sup>	mmol/L	6.89	5.86	—	7.92	0.34	BS-2000 <sup>19</sup>	mmol/L	6.95	5.91	—	7.99	0.35	
		mg/dL	41.4	35.2	—	47.6	2.0		mg/dL	41.7	35.5	—	48.0	2.1	
	BS-360E <sup>10</sup>	mmol/L	6.91	5.87	—	7.95	0.35	BS-2800M <sup>20</sup>	mmol/L	6.80	5.78	—	7.82	0.34	
		mg/dL	41.5	35.3	—	47.7	2.1		mg/dL	40.8	34.7	—	47.0	2.0	

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value $\pm$ 3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value $\pm$ 3SD)		1 SD			
LIP	BS-120 <sup>1</sup>	U/L	45.3	36.2	-	54.4	3.0	BS-380 <sup>11</sup>	U/L	45.8	36.6	-	55.0	3.1	
		$\mu$ kat/L	0.757	0.605	-	0.908	0.050		$\mu$ kat/L	0.765	0.611	-	0.919	0.052	
	BS-180 <sup>2</sup>	U/L	/	/	-	/	/	BS-400 <sup>12</sup>	U/L	45.8	36.6	-	55.0	3.1	
		$\mu$ kat/L	/	/	-	/	/		$\mu$ kat/L	0.765	0.611	-	0.919	0.052	
	BS-200 <sup>3</sup>	U/L	45.6	36.4	-	54.8	3.1	BS-430 <sup>13</sup>	U/L	44.8	35.8	-	53.8	3.0	
		$\mu$ kat/L	0.762	0.608	-	0.915	0.052		$\mu$ kat/L	0.748	0.598	-	0.898	0.050	
	BS-200E <sup>4</sup>	U/L	47.4	37.9	-	56.9	3.2	BS-480 <sup>14</sup>	U/L	44.4	35.5	-	53.3	3.0	
		$\mu$ kat/L	0.792	0.633	-	0.950	0.053		$\mu$ kat/L	0.741	0.593	-	0.890	0.050	
	BS-230 <sup>5</sup>	U/L	47.1	37.6	-	56.6	3.2	BS-600 <sup>15</sup>	U/L	44.8	35.8	-	53.8	3.0	
		$\mu$ kat/L	0.787	0.628	-	0.945	0.053		$\mu$ kat/L	0.748	0.598	-	0.898	0.050	
	BS-240E <sup>6</sup>	U/L	46.3	37.0	-	55.6	3.1	BS-600M <sup>16</sup>	U/L	45.5	36.4	-	54.6	3.0	
		$\mu$ kat/L	0.773	0.618	-	0.929	0.052		$\mu$ kat/L	0.760	0.608	-	0.912	0.050	
	BS-300 <sup>7</sup>	U/L	45.9	36.7	-	55.1	3.1	BS-620M <sup>17</sup>	U/L	45.5	36.4	-	54.6	3.0	
		$\mu$ kat/L	0.767	0.613	-	0.920	0.052		$\mu$ kat/L	0.760	0.608	-	0.912	0.050	
	BS-330 <sup>8</sup>	U/L	/	/	-	/	/	BS-800 <sup>18</sup>	U/L	44.8	35.8	-	53.8	3.0	
		$\mu$ kat/L	/	/	-	/	/		$\mu$ kat/L	0.748	0.598	-	0.898	0.050	
	BS-330E <sup>9</sup>	U/L	47.4	37.9	-	56.9	3.2	BS-2000 <sup>19</sup>	U/L	45.4	36.3	-	54.5	3.0	
		$\mu$ kat/L	0.792	0.633	-	0.950	0.053		$\mu$ kat/L	0.758	0.606	-	0.910	0.050	
	BS-360E <sup>10</sup>	U/L	44.4	35.5	-	53.3	3.0	BS-2800M <sup>20</sup>	U/L	46.0	36.8	-	55.2	3.1	
		$\mu$ kat/L	0.741	0.593	-	0.890	0.050		$\mu$ kat/L	0.768	0.615	-	0.922	0.052	
CHE	BS-200 <sup>3</sup>	U/L	5891	4707	-	7075	395	BS-400 <sup>12</sup>	U/L	5941	4747	-	7135	398	
		$\mu$ kat/L	98.4	78.6	-	118.2	6.6		$\mu$ kat/L	99.2	79.3	-	119.2	6.6	
	BS-200E <sup>4</sup>	U/L	5724	4573	-	6875	384	BS-430 <sup>13</sup>	U/L	5952	4756	-	7148	399	
		$\mu$ kat/L	95.6	76.4	-	114.8	6.4		$\mu$ kat/L	99.4	79.4	-	119.4	6.7	
	BS-230 <sup>5</sup>	U/L	5889	4705	-	7073	395	BS-480 <sup>14</sup>	U/L	5899	4713	-	7085	395	
		$\mu$ kat/L	98.3	78.6	-	118.1	6.6		$\mu$ kat/L	98.5	78.7	-	118.3	6.6	
	BS-240E <sup>6</sup>	U/L	5833	4661	-	7005	391	BS-600 <sup>15</sup>	U/L	5952	4756	-	7148	399	
		$\mu$ kat/L	97.4	77.8	-	117.0	6.5		$\mu$ kat/L	99.4	79.4	-	119.4	6.7	
	BS-300 <sup>7</sup>	U/L	5831	4659	-	7003	391	BS-600M <sup>16</sup>	U/L	5922	4732	-	7112	397	
		$\mu$ kat/L	97.4	77.8	-	117.0	6.5		$\mu$ kat/L	98.9	79.0	-	118.8	6.6	
	BS-330 <sup>8</sup>	U/L	/	/	-	/	/	BS-620M <sup>17</sup>	U/L	5922	4732	-	7112	397	
		$\mu$ kat/L	/	/	-	/	/		$\mu$ kat/L	98.9	79.0	-	118.8	6.6	
	BS-330E <sup>9</sup>	U/L	5724	4573	-	6875	384	BS-800 <sup>18</sup>	U/L	5952	4756	-	7148	399	
		$\mu$ kat/L	95.6	76.4	-	114.8	6.4		$\mu$ kat/L	99.4	79.4	-	119.4	6.7	
	BS-360E <sup>10</sup>	U/L	5897	4712	-	7082	395	BS-2000 <sup>19</sup>	U/L	5934	4741	-	7127	398	
		$\mu$ kat/L	98.5	78.7	-	118.3	6.6		$\mu$ kat/L	99.1	79.2	-	119.0	6.6	
	BS-380 <sup>11</sup>	U/L	5941	4747	-	7135	398	BS-2800M <sup>20</sup>	U/L	5922	4732	-	7112	397	
		$\mu$ kat/L	99.2	79.3	-	119.2	6.6		$\mu$ kat/L	98.9	79.0	-	118.8	6.6	
	Fe	BS-120 <sup>1</sup>	$\mu$ mol/L	19.9	15.9	-	23.9	1.3	BS-380 <sup>11</sup>	$\mu$ mol/L	19.9	15.9	-	23.9	1.3
			mg/L	1.11	0.89	-	1.34	0.07		mg/L	1.11	0.89	-	1.34	0.07
BS-180 <sup>2</sup>		$\mu$ mol/L	19.9	15.9	-	23.9	1.3	BS-400 <sup>12</sup>	$\mu$ mol/L	19.8	15.8	-	23.8	1.3	
		mg/L	1.11	0.89	-	1.34	0.07		mg/L	1.11	0.88	-	1.33	0.07	
BS-200 <sup>3</sup>		$\mu$ mol/L	20.0	16.0	-	24.0	1.3	BS-430 <sup>13</sup>	$\mu$ mol/L	19.7	15.7	-	23.7	1.3	
		mg/L	1.12	0.90	-	1.34	0.07		mg/L	1.10	0.88	-	1.33	0.07	
BS-200E <sup>4</sup>		$\mu$ mol/L	19.6	15.7	-	23.5	1.3	BS-480 <sup>14</sup>	$\mu$ mol/L	19.6	15.7	-	23.5	1.3	
		mg/L	1.10	0.88	-	1.32	0.07		mg/L	1.10	0.88	-	1.32	0.07	
BS-230 <sup>5</sup>		$\mu$ mol/L	20.3	16.2	-	24.4	1.4	BS-600 <sup>15</sup>	$\mu$ mol/L	19.6	15.7	-	23.5	1.3	
		mg/L	1.14	0.91	-	1.37	0.08		mg/L	1.10	0.88	-	1.32	0.07	
BS-240E <sup>6</sup>		$\mu$ mol/L	19.5	15.6	-	23.4	1.3	BS-600M <sup>16</sup>	$\mu$ mol/L	19.7	15.7	-	23.7	1.3	
		mg/L	1.09	0.87	-	1.31	0.07		mg/L	1.10	0.88	-	1.33	0.07	
BS-300 <sup>7</sup>		$\mu$ mol/L	19.9	15.9	-	23.9	1.3	BS-620M <sup>17</sup>	$\mu$ mol/L	19.7	15.7	-	23.7	1.3	
		mg/L	1.11	0.89	-	1.34	0.07		mg/L	1.10	0.88	-	1.33	0.07	
BS-330 <sup>8</sup>		$\mu$ mol/L	20.0	16.0	-	24.0	1.3	BS-800 <sup>18</sup>	$\mu$ mol/L	20.0	16.0	-	24.0	1.3	
		mg/L	1.12	0.90	-	1.34	0.07		mg/L	1.12	0.90	-	1.34	0.07	
BS-330E <sup>9</sup>		$\mu$ mol/L	19.6	15.7	-	23.5	1.3	BS-2000 <sup>19</sup>	$\mu$ mol/L	19.5	15.6	-	23.4	1.3	
		mg/L	1.10	0.88	-	1.32	0.07		mg/L	1.09	0.87	-	1.31	0.07	
BS-360E <sup>10</sup>		$\mu$ mol/L	19.8	15.8	-	23.8	1.3	BS-2800M <sup>20</sup>	$\mu$ mol/L	19.5	15.6	-	23.4	1.3	
		mg/L	1.11	0.88	-	1.33	0.07		mg/L	1.09	0.87	-	1.31	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>UIBC</b>	<b>BS-230</b> <sup>5</sup>	μmol/L	32.8	26.2	—	39.4	2.2	<b>BS-600</b> <sup>15</sup>	μmol/L	31.4	25.1	—	37.7	2.1
		μg/dL	183	146	—	220	12		μg/dL	176	140	—	211	12
	<b>BS-240E</b> <sup>6</sup>	μmol/L	34.1	27.2	—	41.0	2.3	<b>BS-600M</b> <sup>16</sup>	μmol/L	32.9	26.3	—	39.5	2.2
		μg/dL	191	152	—	229	13		μg/dL	184	147	—	221	12
	<b>BS-360E</b> <sup>10</sup>	μmol/L	33.4	26.7	—	40.1	2.2	<b>BS-620M</b> <sup>17</sup>	μmol/L	32.9	26.3	—	39.5	2.2
		μg/dL	187	149	—	224	12		μg/dL	184	147	—	221	12
	<b>BS-380</b> <sup>11</sup>	μmol/L	34.5	27.6	—	41.4	2.3	<b>BS-800</b> <sup>18</sup>	μmol/L	31.4	25.1	—	37.7	2.1
		μg/dL	193	154	—	231	13		μg/dL	176	140	—	211	12
	<b>BS-400</b> <sup>12</sup>	μmol/L	34.5	27.6	—	41.4	2.3	<b>BS-2000</b> <sup>19</sup>	μmol/L	31.9	25.5	—	38.3	2.1
		μg/dL	193	154	—	231	13		μg/dL	178	143	—	214	12
	<b>BS-430</b> <sup>13</sup>	μmol/L	31.4	25.1	—	37.7	2.1	<b>BS-2800M</b> <sup>20</sup>	μmol/L	31.9	25.5	—	38.3	2.1
		μg/dL	176	140	—	211	12		μg/dL	178	143	—	214	12
	<b>BS-480</b> <sup>14</sup>	μmol/L	34.4	27.5	—	41.3	2.3							
		μg/dL	192	154	—	231	13							
<b>ASOII</b>	<b>BS-200E</b> <sup>4</sup>	IU/mL	114	74	—	154	13	<b>BS-480</b> <sup>14</sup>	IU/mL	115	75	—	155	13
	<b>BS-230</b> <sup>5</sup>	IU/mL	115	75	—	155	13	<b>BS-600</b> <sup>15</sup>	IU/mL	115	75	—	155	13
	<b>BS-240E</b> <sup>6</sup>	IU/mL	115	75	—	155	13	<b>BS-600M</b> <sup>16</sup>	IU/mL	111	72	—	150	13
	<b>BS-360E</b> <sup>10</sup>	IU/mL	115	75	—	155	13	<b>BS-620M</b> <sup>17</sup>	IU/mL	111	72	—	150	13
	<b>BS-380</b> <sup>11</sup>	IU/mL	114	74	—	154	13	<b>BS-800</b> <sup>18</sup>	IU/mL	115	75	—	155	13
	<b>BS-400</b> <sup>12</sup>	IU/mL	114	74	—	154	13	<b>BS-2000</b> <sup>19</sup>	IU/mL	116	75	—	157	14
	<b>BS-430</b> <sup>13</sup>	IU/mL	115	75	—	155	13	<b>BS-2800M</b> <sup>20</sup>	IU/mL	111	72	—	150	13
<b>FER</b>	<b>BS-200E</b> <sup>4</sup>	ng/mL	90.5	76.9	—	104.1	4.5	<b>BS-480</b> <sup>14</sup>	ng/mL	86.2	73.3	—	99.1	4.3
		pmol/L	203	173	—	234	10		pmol/L	194	165	—	223	10
	<b>BS-230</b> <sup>5</sup>	ng/mL	88.1	74.9	—	101.3	4.4	<b>BS-600</b> <sup>15</sup>	ng/mL	86.2	73.3	—	99.1	4.3
		pmol/L	198	168	—	228	10		pmol/L	194	165	—	223	10
	<b>BS-240E</b> <sup>6</sup>	ng/mL	86.2	73.3	—	99.1	4.3	<b>BS-600M</b> <sup>16</sup>	ng/mL	86.7	73.7	—	99.7	4.3
		pmol/L	194	165	—	223	10		pmol/L	195	166	—	224	10
	<b>BS-360E</b> <sup>10</sup>	ng/mL	86.2	73.3	—	99.1	4.3	<b>BS-620M</b> <sup>17</sup>	ng/mL	86.7	73.7	—	99.7	4.3
		pmol/L	194	165	—	223	10		pmol/L	195	166	—	224	10
	<b>BS-380</b> <sup>11</sup>	ng/mL	90.5	76.9	—	104.1	4.5	<b>BS-800</b> <sup>18</sup>	ng/mL	86.2	73.3	—	99.1	4.3
		pmol/L	203	173	—	234	10		pmol/L	194	165	—	223	10
	<b>BS-400</b> <sup>12</sup>	ng/mL	90.5	76.9	—	104.1	4.5	<b>BS-2000</b> <sup>19</sup>	ng/mL	86.4	73.4	—	99.4	4.3
		pmol/L	203	173	—	234	10		pmol/L	194	165	—	223	10
	<b>BS-430</b> <sup>13</sup>	ng/mL	86.2	73.3	—	99.1	4.3	<b>BS-2800M</b> <sup>20</sup>	ng/mL	86.7	73.7	—	99.7	4.3
		pmol/L	194	165	—	223	10		pmol/L	195	166	—	224	10
<b>BS-120</b> <sup>1</sup>	mg/L	/	/	—	/	/	<b>BS-380</b> <sup>11</sup>	mg/L	5.75	4.03	—	7.48	0.58	
	nmol/L	/	/	—	/	/		nmol/L	54.7	38.4	—	71.2	5.5	
<b>BS-180</b> <sup>2</sup>	mg/L	/	/	—	/	/	<b>BS-400</b> <sup>12</sup>	mg/L	5.82	4.07	—	7.57	0.58	
	nmol/L	/	/	—	/	/		nmol/L	55.4	38.7	—	72.1	5.5	
<b>BS-200</b> <sup>3</sup>	mg/L	/	/	—	/	/	<b>BS-430</b> <sup>13</sup>	mg/L	6.04	4.23	—	7.85	0.60	
	nmol/L	/	/	—	/	/		nmol/L	57.5	40.3	—	74.7	5.7	
<b>BS-200E</b> <sup>4</sup>	mg/L	6.35	4.45	—	8.26	0.64	<b>BS-480</b> <sup>14</sup>	mg/L	5.78	4.05	—	7.51	0.58	
	nmol/L	60.5	42.4	—	78.6	6.1		nmol/L	55.0	38.6	—	71.5	5.5	
<b>BS-230</b> <sup>5</sup>	mg/L	6.02	4.21	—	7.83	0.60	<b>BS-600</b> <sup>15</sup>	mg/L	5.78	4.05	—	7.51	0.58	
	nmol/L	57.3	40.1	—	74.5	5.7		nmol/L	55.0	38.6	—	71.5	5.5	
<b>BS-240E</b> <sup>6</sup>	mg/L	7.14	5.00	—	9.28	0.71	<b>BS-600M</b> <sup>16</sup>	mg/L	5.53	3.87	—	7.19	0.55	
	nmol/L	68.0	47.6	—	88.3	6.8		nmol/L	52.6	36.8	—	68.4	5.2	
<b>BS-300</b> <sup>7</sup>	mg/L	5.75	4.03	—	7.48	0.58	<b>BS-620M</b> <sup>17</sup>	mg/L	5.53	3.87	—	7.19	0.55	
	nmol/L	54.7	38.4	—	71.2	5.5		nmol/L	52.6	36.8	—	68.4	5.2	
<b>BS-330</b> <sup>8</sup>	mg/L	/	/	—	/	/	<b>BS-800</b> <sup>18</sup>	mg/L	5.78	4.05	—	7.51	0.58	
	nmol/L	/	/	—	/	/		nmol/L	55.0	38.6	—	71.5	5.5	
<b>BS-330E</b> <sup>9</sup>	mg/L	6.35	4.45	—	8.26	0.64	<b>BS-2000</b> <sup>19</sup>	mg/L	5.83	4.08	—	7.58	0.58	
	nmol/L	60.5	42.4	—	78.6	6.1		nmol/L	55.5	38.8	—	72.2	5.5	
<b>BS-360E</b> <sup>10</sup>	mg/L	5.78	4.05	—	7.51	0.58	<b>BS-2800M</b> <sup>20</sup>	mg/L	5.53	3.87	—	7.19	0.55	
	nmol/L	55.0	38.6	—	71.5	5.5		nmol/L	52.6	36.8	—	68.4	5.2	

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

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)			1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)			1 SD
TRF	BS-120 <sup>1</sup>	g/L	2.00	1.70	—	2.30	0.10	BS-400 <sup>12</sup>	g/L	2.04	1.73	—	2.35	0.10
		μmol/L	25.2	21.4	—	29.0	1.3		μmol/L	25.7	21.8	—	29.6	1.3
	BS-180 <sup>2</sup>	g/L	/	/	—	/	/	BS-430 <sup>13</sup>	g/L	2.07	1.76	—	2.38	0.10
		μmol/L	/	/	—	/	/		μmol/L	26.1	22.2	—	30.0	1.3
	BS-200 <sup>3</sup>	g/L	2.07	1.76	—	2.38	0.10	BS-480 <sup>14</sup>	g/L	2.03	1.73	—	2.33	0.10
		μmol/L	26.1	22.2	—	30.0	1.3		μmol/L	25.6	21.8	—	29.4	1.3
	BS-200E <sup>4</sup>	g/L	2.04	1.73	—	2.35	0.10	BS-600 <sup>15</sup>	g/L	1.99	1.69	—	2.29	0.10
		μmol/L	25.7	21.8	—	29.6	1.3		μmol/L	25.1	21.3	—	28.9	1.3
	BS-230 <sup>5</sup>	g/L	2.00	1.70	—	2.30	0.10	BS-600M <sup>16</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-240E <sup>6</sup>	g/L	2.00	1.70	—	2.30	0.10	BS-620M <sup>17</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-330 <sup>8</sup>	g/L	/	/	—	/	/	BS-800 <sup>18</sup>	g/L	2.03	1.73	—	2.33	0.10
		μmol/L	/	/	—	/	/		μmol/L	25.6	21.8	—	29.4	1.3
	BS-330E <sup>9</sup>	g/L	/	/	—	/	/	BS-2000 <sup>19</sup>	g/L	1.98	1.68	—	2.28	0.10
		μmol/L	/	/	—	/	/		μmol/L	24.9	21.2	—	28.7	1.3
	BS-360E <sup>10</sup>	g/L	2.01	1.71	—	2.31	0.10	BS-2800M <sup>20</sup>	g/L	1.98	1.68	—	2.28	0.10
		μmol/L	25.3	21.5	—	29.1	1.3		μmol/L	24.9	21.2	—	28.7	1.3
BS-380 <sup>11</sup>	g/L	2.04	1.73	—	2.35	0.10								
	μmol/L	25.7	21.8	—	29.6	1.3								
Na <sup>+</sup>	BS-120 <sup>1</sup>	mmol/L	124	112	—	136	4	BS-380 <sup>11</sup>	mmol/L	124	112	—	136	4
	BS-180 <sup>2</sup>	mmol/L	124	112	—	136	4	BS-400 <sup>12</sup>	mmol/L	124	112	—	136	4
	BS-200 <sup>3</sup>	mmol/L	124	112	—	136	4	BS-430 <sup>13</sup>	mmol/L	122	110	—	134	4
	BS-200E <sup>4</sup>	mmol/L	124	112	—	136	4	BS-480 <sup>14</sup>	mmol/L	122	110	—	134	4
	BS-230 <sup>5</sup>	mmol/L	124	112	—	136	4	BS-600 <sup>15</sup>	mmol/L	118	106	—	130	4
	BS-240E <sup>6</sup>	mmol/L	122	110	—	134	4	BS-600M <sup>16</sup>	mmol/L	124	112	—	136	4
	BS-300 <sup>7</sup>	mmol/L	124	112	—	136	4	BS-620M <sup>17</sup>	mmol/L	124	112	—	136	4
	BS-330 <sup>8</sup>	mmol/L	124	112	—	136	4	BS-800 <sup>18</sup>	mmol/L	112	101	—	123	4
	BS-330E <sup>9</sup>	mmol/L	124	112	—	136	4	BS-2000 <sup>19</sup>	mmol/L	112	101	—	123	4
	BS-360E <sup>10</sup>	mmol/L	124	112	—	136	4	BS-2800M <sup>20</sup>	mmol/L	112	101	—	123	4
K <sup>+</sup>	BS-120 <sup>1</sup>	mmol/L	3.77	3.40	—	4.14	0.12	BS-380 <sup>11</sup>	mmol/L	3.77	3.40	—	4.14	0.12
	BS-180 <sup>2</sup>	mmol/L	3.77	3.40	—	4.14	0.12	BS-400 <sup>12</sup>	mmol/L	3.77	3.40	—	4.14	0.12
	BS-200 <sup>3</sup>	mmol/L	3.77	3.40	—	4.14	0.12	BS-430 <sup>13</sup>	mmol/L	3.65	3.29	—	4.01	0.12
	BS-200E <sup>4</sup>	mmol/L	3.77	3.40	—	4.14	0.12	BS-480 <sup>14</sup>	mmol/L	3.72	3.35	—	4.09	0.12
	BS-230 <sup>5</sup>	mmol/L	3.77	3.40	—	4.14	0.12	BS-600 <sup>15</sup>	mmol/L	3.55	3.20	—	3.90	0.12
	BS-240E <sup>6</sup>	mmol/L	3.61	3.25	—	3.97	0.12	BS-600M <sup>16</sup>	mmol/L	3.95	3.56	—	4.34	0.13
	BS-300 <sup>7</sup>	mmol/L	3.77	3.40	—	4.14	0.12	BS-620M <sup>17</sup>	mmol/L	3.95	3.56	—	4.34	0.13
	BS-330 <sup>8</sup>	mmol/L	3.77	3.40	—	4.14	0.12	BS-800 <sup>18</sup>	mmol/L	3.55	3.20	—	3.90	0.12
	BS-330E <sup>9</sup>	mmol/L	3.77	3.40	—	4.14	0.12	BS-2000 <sup>19</sup>	mmol/L	3.55	3.20	—	3.90	0.12
	BS-360E <sup>10</sup>	mmol/L	3.77	3.40	—	4.14	0.12	BS-2800M <sup>20</sup>	mmol/L	3.53	3.18	—	3.88	0.12
Cl <sup>-</sup>	BS-120 <sup>1</sup>	mmol/L	87.4	78.7	—	96.1	2.9	BS-380 <sup>11</sup>	mmol/L	87.4	78.7	—	96.1	2.9
	BS-180 <sup>2</sup>	mmol/L	87.4	78.7	—	96.1	2.9	BS-400 <sup>12</sup>	mmol/L	87.4	78.7	—	96.1	2.9
	BS-200 <sup>3</sup>	mmol/L	87.4	78.7	—	96.1	2.9	BS-430 <sup>13</sup>	mmol/L	88.5	79.7	—	97.3	2.9
	BS-200E <sup>4</sup>	mmol/L	87.4	78.7	—	96.1	2.9	BS-480 <sup>14</sup>	mmol/L	89.2	80.4	—	98.0	2.9
	BS-230 <sup>5</sup>	mmol/L	87.4	78.7	—	96.1	2.9	BS-600 <sup>15</sup>	mmol/L	86.0	77.5	—	94.5	2.8
	BS-240E <sup>6</sup>	mmol/L	87.4	78.7	—	96.1	2.9	BS-600M <sup>16</sup>	mmol/L	91.3	82.3	—	100.3	3.0
	BS-300 <sup>7</sup>	mmol/L	87.4	78.7	—	96.1	2.9	BS-620M <sup>17</sup>	mmol/L	91.3	82.3	—	100.3	3.0
	BS-330 <sup>8</sup>	mmol/L	87.4	78.7	—	96.1	2.9	BS-800 <sup>18</sup>	mmol/L	88.8	80.0	—	97.6	2.9
	BS-330E <sup>9</sup>	mmol/L	87.4	78.7	—	96.1	2.9	BS-2000 <sup>19</sup>	mmol/L	88.8	80.0	—	97.6	2.9
	BS-360E <sup>10</sup>	mmol/L	87.4	78.7	—	96.1	2.9	BS-2800M <sup>20</sup>	mmol/L	88.4	79.6	—	97.2	2.9