

## 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 Sisteminin 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-800:** BS-800, BS-820, BS-800M, BS-820M, BS-1800, BS-1800plus;

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

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

**LOT: 059422003**

**EXP: 2023-06-30**

English	Abbreviated name	Model	Unit	Assay Value	Range (Assay Value±3SD)
Русский	сокращенное наименование	модель	Прибор	Результат анализа	Диапазон (результат анализа ± 3CO)
Português	Nome abreviado	Modelo	Unidade	Valores da análise	Faixa (Valores da análise ±3SD)
Español	nombre abreviado	modelo	Unidad	Valor de ensayo	Rango (Valor de ensayo ±3SD)
Italiano	abbreviazione	modelli	Unità	Valori di dosaggio	Intervallo (valore di concentrazione ±3 DS)
Türkçe	kisaltılmış ad	model	Ünite	Tayin Değeri	Aralık (Tayin Değeri±3SD)
ALB	ALP	ALT	α-AMY	AST	
English	Albumin	Alkaline Phosphatase	Alanine Aminotransferase	α-Amylase	Aspartate Aminotransferase
Русский	Альбумин	Щелочная фосфатаза	Аланинаминотрансфераза	Альфа-амилаза	Аспартатаминотрансфераза
Português	Albumina	Fosfatase Alcalina	Alanina Aminotransferase	α-Amilase	Aspartato Aminotransferase
Español	Albúmina	Fosfatasa alcalina	Alanina aminotransferasa	α-amilasa	Aspartato aminotransferasa
Italiano	Albumina	Fosfatasi alcalina	Alanina aminotransferasi	α-amilasi	Aspartato aminotransferasi
Türkçe	Albümin	Alkalin Fosfataz	Alanin Aminotransferaz	α-Amilaz	Aspartat Aminotransferaz
Bil-D	Bil-T	Ca	TC	HDL-C	
English	Direct Bilirubin	Total Bilirubin	Calcium	Total Cholesterol	HDL-Cholesterol
Русский	Прямой билирубин	Общий билирубин	Кальций	Общий холестерин	Холестерин ЛПВП
Português	Bilirrubina Direta	Bilirrubina Total	Cálcio	Colesterol Total	Colesterol HDL
Español	Bilirrubina directa	Bilirrubina total	Calcio	Colesterol total	Colesterol HDL
Italiano	Bilirubina diretta	Bilirubina totale	Calcio	Colesterolo totale	Colesterolo HDL
Türkçe	Direkt Bilirubin	Total Bilirubin	Kalsiyum	Total Kolesterol	HDL-Kolesterol
LDL-C	CK	CK-MB	Crea	GLU	
English	LDL-Cholesterol	Creatine Kinase	Creatine Kinase-MB	Creatinine	Glucose
Русский	Холестерин ЛПНП	Креатинкиназа	МВ фракцию креатинкиназы	Креатинин	Глюкоза
Português	Colesterol LDL	Creatina Quinase	creatina quinase-MB	Creatinina	Glicose
Español	Colesterol LDL	Creatina quinasa	creatina quinasa-MB	Creatinina	Glucosa
Italiano	Colesterolo LDL	Creatina chinase	creatina chinasi-MB	Creatinina	Glucosio
Türkçe	LDL-Kolesterol	Kreatin Kinaz	Kreatin Kinaz-MB	Kreatinin	Glukoz
GGT	α-HBDH	ApoA1	ApoB	C3	
English	Gamma-Glutamyltransferase	α-Hydroxybutyrate Dehydrogenase	Apolipoprotein A1	Apolipoprotein B	Complement C3
Русский	Гамма-глутамилтрансфераза	α-гидроксипутират дегидрогеназа	Аполипопротеин А1	Аполипопротеин В	Комплемент С3
Português	Gama Glutamil Transferase	α-Hidroxitbutirato Desidrogenase	Apolipoproteina A1	Apolipoproteína B	complemento C3

<b>Español</b>	Gamma-Glutamiltransferasa	α-hidroxibutirato deshidrogenasa	Apolipoproteína A1	Apolipoproteína B	complemento C3
<b>Italiano</b>	Gamma-glutamiltransferasi	α-idrossibutirrato deidrogenasi	Apolipoproteina A1	Apolipoproteina B	complemento C3
<b>Türkçe</b>	Gama-Glutamiltransferaz	α-Hidroksibütirat Dehidrogenaz	Apolipoprotein A1	Apolipoprotein B	Kompleman C3

	C4	CRP	IgA	IgG	IgM
<b>English</b>	Complement C4	C- Reactive protein	Immunoglobulin A	Immunoglobulin G	Immunoglobulin M
<b>Русский</b>	Комплемент C4	C-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

	PA	LDH	Mg	P	TP
<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

	TG	UA	Urea	LIP	CHE
<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

	Fe	UIBC	ASO	FER	TRF
<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	Antistreptolislin "O"	Ferritin	Transferin

	Na <sup>+</sup>	K <sup>+</sup>	Cl <sup>-</sup>
<b>English</b>	Sodium	Patassium	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
				Value	—	Value					Value	—	Value	
<b>ALB II</b>	<b>BS-120</b> <sup>1</sup>	g/L	48.1	40.9	—	55.3	2.4	<b>BS-360E</b> <sup>10</sup>	g/L	47.1	40.0	—	54.2	2.4
		μmol/L	731	622	—	841	36		μmol/L	716	608	—	824	36
	<b>BS-180</b> <sup>2</sup>	g/L	48.1	40.9	—	55.3	2.4	<b>BS-380</b> <sup>11</sup>	g/L	49.5	42.1	—	56.9	2.5
		μmol/L	731	622	—	841	36		μmol/L	752	640	—	865	38
	<b>BS-200</b> <sup>3</sup>	g/L	48.4	41.1	—	55.7	2.4	<b>BS-400</b> <sup>12</sup>	g/L	49.0	41.7	—	56.4	2.5
		μmol/L	736	625	—	847	36		μmol/L	745	634	—	857	38
	<b>BS-200E</b> <sup>4</sup>	g/L	47.5	40.4	—	54.6	2.4	<b>BS-430</b> <sup>13</sup>	g/L	49.5	42.1	—	56.9	2.5
		μmol/L	722	614	—	830	36		μmol/L	752	640	—	865	38
	<b>BS-230</b> <sup>5</sup>	g/L	49.8	42.3	—	57.3	2.5	<b>BS-480</b> <sup>14</sup>	g/L	50.0	42.5	—	57.5	2.5
		μmol/L	757	643	—	871	38		μmol/L	760	646	—	874	38
	<b>BS-240E</b> <sup>6</sup>	g/L	47.7	40.5	—	54.9	2.4	<b>BS-600</b> <sup>15</sup>	g/L	49.0	41.7	—	56.4	2.5
		μmol/L	725	616	—	834	36		μmol/L	745	634	—	857	38
	<b>BS-300</b> <sup>7</sup>	g/L	49.7	42.2	—	57.2	2.5	<b>BS-800</b> <sup>16</sup>	g/L	49.1	41.7	—	56.5	2.5
		μmol/L	755	641	—	869	38		μmol/L	746	634	—	859	38
	<b>BS-330</b> <sup>8</sup>	g/L	48.4	41.1	—	55.7	2.4	<b>BS-2000</b> <sup>17</sup>	g/L	48.9	41.6	—	56.2	2.4
		μmol/L	736	625	—	847	36		μmol/L	743	632	—	854	36
<b>BS-330E</b> <sup>9</sup>	g/L	47.5	40.4	—	54.6	2.4	<b>BS-2800M</b> <sup>18</sup>	g/L	49.7	42.2	—	57.2	2.5	
	μmol/L	722	614	—	830	36		μmol/L	755	641	—	869	38	

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	
<b>ALP</b>	<b>BS-120</b> <sup>1</sup>	U/L	215	183	—	247	<b>BS-360E</b> <sup>10</sup>	U/L	210	179	—	242	11
		μkat/L	3.59	3.06	—	4.12		0.18	μkat/L	3.51	2.99	—	4.04
	<b>BS-180</b> <sup>2</sup>	U/L	215	183	—	247	<b>BS-380</b> <sup>11</sup>	U/L	220	187	—	253	11
		μkat/L	3.59	3.06	—	4.12		0.18	μkat/L	3.67	3.12	—	4.23
	<b>BS-200</b> <sup>3</sup>	U/L	207	176	—	238	<b>BS-400</b> <sup>12</sup>	U/L	220	187	—	253	11
		μkat/L	3.46	2.94	—	3.97		0.17	μkat/L	3.67	3.12	—	4.23
	<b>BS-200E</b> <sup>4</sup>	U/L	211	179	—	243	<b>BS-430</b> <sup>13</sup>	U/L	214	182	—	246	11
		μkat/L	3.52	2.99	—	4.06		0.18	μkat/L	3.57	3.04	—	4.11
	<b>BS-230</b> <sup>5</sup>	U/L	210	179	—	242	<b>BS-480</b> <sup>14</sup>	U/L	211	179	—	243	11
		μkat/L	3.51	2.99	—	4.04		0.18	μkat/L	3.52	2.99	—	4.06
	<b>BS-240E</b> <sup>6</sup>	U/L	212	180	—	244	<b>BS-600</b> <sup>15</sup>	U/L	215	183	—	247	11
		μkat/L	3.54	3.01	—	4.07		0.18	μkat/L	3.59	3.06	—	4.12
	<b>BS-300</b> <sup>7</sup>	U/L	214	182	—	246	<b>BS-800</b> <sup>16</sup>	U/L	215	183	—	247	11
		μkat/L	3.57	3.04	—	4.11		0.18	μkat/L	3.59	3.06	—	4.12
	<b>BS-330</b> <sup>8</sup>	U/L	207	176	—	238	<b>BS-2000</b> <sup>17</sup>	U/L	213	181	—	245	11
		μkat/L	3.46	2.94	—	3.97		0.17	μkat/L	3.56	3.02	—	4.09
	<b>BS-330E</b> <sup>9</sup>	U/L	211	179	—	243	<b>BS-2800M</b> <sup>18</sup>	U/L	214	182	—	246	11
		μkat/L	3.52	2.99	—	4.06		0.18	μkat/L	3.57	3.04	—	4.11
<b>ALT</b>	<b>BS-120</b> <sup>1</sup>	U/L	140	119	—	161	<b>BS-360E</b> <sup>10</sup>	U/L	142	121	—	163	7
		μkat/L	2.34	1.99	—	2.69		0.12	μkat/L	2.37	2.02	—	2.72
	<b>BS-180</b> <sup>2</sup>	U/L	140	119	—	161	<b>BS-380</b> <sup>11</sup>	U/L	143	122	—	164	7
		μkat/L	2.34	1.99	—	2.69		0.12	μkat/L	2.39	2.04	—	2.74
	<b>BS-200</b> <sup>3</sup>	U/L	140	119	—	161	<b>BS-400</b> <sup>12</sup>	U/L	143	122	—	164	7
		μkat/L	2.34	1.99	—	2.69		0.12	μkat/L	2.39	2.04	—	2.74
	<b>BS-200E</b> <sup>4</sup>	U/L	141	120	—	162	<b>BS-430</b> <sup>13</sup>	U/L	144	122	—	166	7
		μkat/L	2.35	2.00	—	2.71		0.12	μkat/L	2.40	2.04	—	2.77
	<b>BS-230</b> <sup>5</sup>	U/L	141	120	—	162	<b>BS-480</b> <sup>14</sup>	U/L	144	122	—	166	7
		μkat/L	2.35	2.00	—	2.71		0.12	μkat/L	2.40	2.04	—	2.77
	<b>BS-240E</b> <sup>6</sup>	U/L	141	120	—	162	<b>BS-600</b> <sup>15</sup>	U/L	144	122	—	166	7
		μkat/L	2.35	2.00	—	2.71		0.12	μkat/L	2.40	2.04	—	2.77
	<b>BS-300</b> <sup>7</sup>	U/L	144	122	—	166	<b>BS-800</b> <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
	<b>BS-330</b> <sup>8</sup>	U/L	140	119	—	161	<b>BS-2000</b> <sup>17</sup>	U/L	141	120	—	162	7
		μkat/L	2.34	1.99	—	2.69		0.12	μkat/L	2.35	2.00	—	2.71
	<b>BS-330E</b> <sup>9</sup>	U/L	141	120	—	162	<b>BS-2800M</b> <sup>18</sup>	U/L	142	121	—	163	7
		μkat/L	2.35	2.00	—	2.71		0.12	μkat/L	2.37	2.02	—	2.72
<b>α-AMY</b>	<b>BS-120</b> <sup>1</sup>	U/L	211	179	—	243	<b>BS-360E</b> <sup>10</sup>	U/L	212	180	—	244	11
		μkat/L	3.52	2.99	—	4.06		0.18	μkat/L	3.54	3.01	—	4.07
	<b>BS-180</b> <sup>2</sup>	U/L	211	179	—	243	<b>BS-380</b> <sup>11</sup>	U/L	215	183	—	247	11
		μkat/L	3.52	2.99	—	4.06		0.18	μkat/L	3.59	3.06	—	4.12
	<b>BS-200</b> <sup>3</sup>	U/L	208	177	—	239	<b>BS-400</b> <sup>12</sup>	U/L	215	183	—	247	11
		μkat/L	3.47	2.96	—	3.99		0.17	μkat/L	3.59	3.06	—	4.12
	<b>BS-200E</b> <sup>4</sup>	U/L	208	177	—	239	<b>BS-430</b> <sup>13</sup>	U/L	215	183	—	247	11
		μkat/L	3.47	2.96	—	3.99		0.17	μkat/L	3.59	3.06	—	4.12
	<b>BS-230</b> <sup>5</sup>	U/L	213	181	—	245	<b>BS-480</b> <sup>14</sup>	U/L	215	183	—	247	11
		μkat/L	3.56	3.02	—	4.09		0.18	μkat/L	3.59	3.06	—	4.12
	<b>BS-240E</b> <sup>6</sup>	U/L	210	179	—	242	<b>BS-600</b> <sup>15</sup>	U/L	216	184	—	248	11
		μkat/L	3.51	2.99	—	4.04		0.18	μkat/L	3.61	3.07	—	4.14
	<b>BS-300</b> <sup>7</sup>	U/L	216	184	—	248	<b>BS-800</b> <sup>16</sup>	U/L	215	183	—	247	11
		μkat/L	3.61	3.07	—	4.14		0.18	μkat/L	3.59	3.06	—	4.12
	<b>BS-330</b> <sup>8</sup>	U/L	208	177	—	239	<b>BS-2000</b> <sup>17</sup>	U/L	215	183	—	247	11
		μkat/L	3.47	2.96	—	3.99		0.17	μkat/L	3.59	3.06	—	4.12
	<b>BS-330E</b> <sup>9</sup>	U/L	208	177	—	239	<b>BS-2800M</b> <sup>18</sup>	U/L	212	180	—	244	11
		μkat/L	3.47	2.96	—	3.99		0.17	μkat/L	3.54	3.01	—	4.07

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	156	133	—	179	BS-360E <sup>10</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
	BS-180 <sup>2</sup>	U/L	156	133	—	179	BS-380 <sup>11</sup>	U/L	159	135	—	183	8
		μkat/L	2.61	2.22	—	2.99		0.13	μkat/L	2.66	2.25	—	3.06
	BS-200 <sup>3</sup>	U/L	156	133	—	179	BS-400 <sup>12</sup>	U/L	159	135	—	183	8
		μkat/L	2.61	2.22	—	2.99		0.13	μkat/L	2.66	2.25	—	3.06
	BS-200E <sup>4</sup>	U/L	157	133	—	181	BS-430 <sup>13</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
	BS-230 <sup>5</sup>	U/L	157	133	—	181	BS-480 <sup>14</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
	BS-240E <sup>6</sup>	U/L	158	134	—	182	BS-600 <sup>15</sup>	U/L	158	134	—	182	8
		μkat/L	2.64	2.24	—	3.04		0.13	μkat/L	2.64	2.24	—	3.04
	BS-300 <sup>7</sup>	U/L	159	135	—	183	BS-800 <sup>16</sup>	U/L	158	134	—	182	8
		μkat/L	2.66	2.25	—	3.06		0.13	μkat/L	2.64	2.24	—	3.04
	BS-330 <sup>8</sup>	U/L	156	133	—	179	BS-2000 <sup>17</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
	BS-330E <sup>9</sup>	U/L	157	133	—	181	BS-2800M <sup>18</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
<b>Bil-D (DSA) II</b>	BS-120 <sup>1</sup>	μmol/L	45.6	35.3	—	55.9	BS-360E <sup>10</sup>	μmol/L	45.7	35.4	—	56.0	3.4
		mg/dL	2.67	2.06	—	3.27		0.20	mg/dL	2.67	2.07	—	3.27
	BS-180 <sup>2</sup>	μmol/L	45.6	35.3	—	55.9	BS-380 <sup>11</sup>	μmol/L	46.1	35.7	—	56.5	3.5
		mg/dL	2.67	2.06	—	3.27		0.20	mg/dL	2.70	2.09	—	3.30
	BS-200 <sup>3</sup>	μmol/L	45.6	35.3	—	55.9	BS-400 <sup>12</sup>	μmol/L	45.5	35.3	—	55.7	3.4
		mg/dL	2.67	2.06	—	3.27		0.20	mg/dL	2.66	2.06	—	3.26
	BS-200E <sup>4</sup>	μmol/L	46.1	35.7	—	56.5	BS-430 <sup>13</sup>	μmol/L	45.9	35.6	—	56.2	3.4
		mg/dL	2.70	2.09	—	3.30		0.20	mg/dL	2.68	2.08	—	3.29
	BS-230 <sup>5</sup>	μmol/L	46.4	36.0	—	56.8	BS-480 <sup>14</sup>	μmol/L	45.8	35.5	—	56.1	3.4
		mg/dL	2.71	2.11	—	3.32		0.20	mg/dL	2.68	2.08	—	3.28
	BS-240E <sup>6</sup>	μmol/L	45.7	35.4	—	56.0	BS-600 <sup>15</sup>	μmol/L	46.1	35.7	—	56.5	3.5
		mg/dL	2.67	2.07	—	3.27		0.20	mg/dL	2.70	2.09	—	3.30
	BS-300 <sup>7</sup>	μmol/L	45.9	35.6	—	56.2	BS-800 <sup>16</sup>	μmol/L	45.9	35.6	—	56.2	3.4
		mg/dL	2.68	2.08	—	3.29		0.20	mg/dL	2.68	2.08	—	3.29
	BS-330 <sup>8</sup>	μmol/L	45.6	35.3	—	55.9	BS-2000 <sup>17</sup>	μmol/L	45.8	35.5	—	56.1	3.4
		mg/dL	2.67	2.06	—	3.27		0.20	mg/dL	2.68	2.08	—	3.28
	BS-330E <sup>9</sup>	μmol/L	46.1	35.7	—	56.5	BS-2800M <sup>18</sup>	μmol/L	46.7	36.2	—	57.2	3.5
		mg/dL	2.70	2.09	—	3.30		0.20	mg/dL	2.73	2.12	—	3.35
<b>Bil-D (VOX)</b> Note: This reference value is only applicable to 140721004 and subsequent batch reagents	BS-120 <sup>1</sup>	μmol/L	33.3	25.8	—	40.8	BS-360E <sup>10</sup>	μmol/L	33.7	26.1	—	41.3	2.5
		mg/dL	1.95	1.51	—	2.39		0.15	mg/dL	1.97	1.53	—	2.42
	BS-180 <sup>2</sup>	μmol/L	33.3	25.8	—	40.8	BS-380 <sup>11</sup>	μmol/L	33.7	26.1	—	41.3	2.5
		mg/dL	1.95	1.51	—	2.39		0.15	mg/dL	1.97	1.53	—	2.42
	BS-200 <sup>3</sup>	μmol/L	33.0	25.6	—	40.4	BS-400 <sup>12</sup>	μmol/L	34.1	26.4	—	41.8	2.6
		mg/dL	1.93	1.50	—	2.36		0.15	mg/dL	1.99	1.54	—	2.44
	BS-200E <sup>4</sup>	μmol/L	34.2	26.5	—	41.9	BS-430 <sup>13</sup>	μmol/L	33.8	26.2	—	41.4	2.5
		mg/dL	2.00	1.55	—	2.45		0.15	mg/dL	1.98	1.53	—	2.42
	BS-230 <sup>5</sup>	μmol/L	32.7	25.3	—	40.1	BS-480 <sup>14</sup>	μmol/L	33.1	25.7	—	40.5	2.5
		mg/dL	1.91	1.48	—	2.35		0.15	mg/dL	1.94	1.50	—	2.37
	BS-240E <sup>6</sup>	μmol/L	34.2	26.5	—	41.9	BS-600 <sup>15</sup>	μmol/L	33.5	26.0	—	41.0	2.5
		mg/dL	2.00	1.55	—	2.45		0.15	mg/dL	1.96	1.52	—	2.40
	BS-300 <sup>7</sup>	μmol/L	33.1	25.7	—	40.5	BS-800 <sup>16</sup>	μmol/L	33.8	26.2	—	41.4	2.5
		mg/dL	1.94	1.50	—	2.37		0.15	mg/dL	1.98	1.53	—	2.42
	BS-330 <sup>8</sup>	μmol/L	33.0	25.6	—	40.4	BS-2000 <sup>17</sup>	μmol/L	33.5	26.0	—	41.0	2.5
		mg/dL	1.93	1.50	—	2.36		0.15	mg/dL	1.96	1.52	—	2.40
	BS-330E <sup>9</sup>	μmol/L	34.2	26.5	—	41.9	BS-2800M <sup>18</sup>	μmol/L	33.6	26.0	—	41.2	2.5
		mg/dL	2.00	1.55	—	2.45		0.15	mg/dL	1.96	1.52	—	2.41

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>Bil-D (VOX)</b> Note: This reference value is only applicable to 140721003 and before batch reagents	BS-120 <sup>1</sup>	μmol/L	38.6	29.9	—	47.3	2.9	BS-360E <sup>10</sup>	μmol/L	39.7	30.8	—	48.6	3.0
		mg/dL	2.26	1.75	—	2.77	0.17		mg/dL	2.32	1.80	—	2.84	0.18
	BS-180 <sup>2</sup>	μmol/L	38.6	29.9	—	47.3	2.9	BS-380 <sup>11</sup>	μmol/L	39.5	30.6	—	48.4	3.0
		mg/dL	2.26	1.75	—	2.77	0.17		mg/dL	2.31	1.79	—	2.83	0.18
	BS-200 <sup>3</sup>	μmol/L	38.6	29.9	—	47.3	2.9	BS-400 <sup>12</sup>	μmol/L	39.5	30.6	—	48.4	3.0
		mg/dL	2.26	1.75	—	2.77	0.17		mg/dL	2.31	1.79	—	2.83	0.18
	BS-200E <sup>4</sup>	μmol/L	39.0	30.2	—	47.8	2.9	BS-430 <sup>13</sup>	μmol/L	39.7	30.8	—	48.6	3.0
		mg/dL	2.28	1.77	—	2.80	0.17		mg/dL	2.32	1.80	—	2.84	0.18
	BS-230 <sup>5</sup>	μmol/L	39.1	30.3	—	47.9	2.9	BS-480 <sup>14</sup>	μmol/L	39.1	30.3	—	47.9	2.9
		mg/dL	2.29	1.77	—	2.80	0.17		mg/dL	2.29	1.77	—	2.80	0.17
	BS-240E <sup>6</sup>	μmol/L	39.7	30.8	—	48.6	3.0	BS-600 <sup>15</sup>	μmol/L	39.7	30.8	—	48.6	3.0
		mg/dL	2.32	1.80	—	2.84	0.18		mg/dL	2.32	1.80	—	2.84	0.18
	BS-300 <sup>7</sup>	μmol/L	39.5	30.6	—	48.4	3.0	BS-800 <sup>16</sup>	μmol/L	39.7	30.8	—	48.6	3.0
		mg/dL	2.31	1.79	—	2.83	0.18		mg/dL	2.32	1.80	—	2.84	0.18
	BS-330 <sup>8</sup>	μmol/L	38.6	29.9	—	47.3	2.9	BS-2000 <sup>17</sup>	μmol/L	39.4	30.5	—	48.3	3.0
		mg/dL	2.26	1.75	—	2.77	0.17		mg/dL	2.30	1.78	—	2.82	0.18
	BS-330E <sup>9</sup>	μmol/L	39.0	30.2	—	47.8	2.9	BS-2800M <sup>18</sup>	μmol/L	39.4	30.5	—	48.3	3.0
		mg/dL	2.28	1.77	—	2.80	0.17		mg/dL	2.30	1.78	—	2.82	0.18
<b>Bil-T (DSA) II</b>	BS-120 <sup>1</sup>	μmol/L	74.7	57.9	—	91.5	5.6	BS-360E <sup>10</sup>	μmol/L	76.7	59.4	—	94.0	5.8
		mg/dL	4.37	3.39	—	5.35	0.33		mg/dL	4.49	3.47	—	5.50	0.34
	BS-180 <sup>2</sup>	μmol/L	74.7	57.9	—	91.5	5.6	BS-380 <sup>11</sup>	μmol/L	75.9	58.8	—	93.0	5.7
		mg/dL	4.37	3.39	—	5.35	0.33		mg/dL	4.44	3.44	—	5.44	0.33
	BS-200 <sup>3</sup>	μmol/L	72.8	56.4	—	89.2	5.5	BS-400 <sup>12</sup>	μmol/L	75.9	58.8	—	93.0	5.7
		mg/dL	4.26	3.30	—	5.22	0.32		mg/dL	4.44	3.44	—	5.44	0.33
	BS-200E <sup>4</sup>	μmol/L	75.9	58.8	—	93.0	5.7	BS-430 <sup>13</sup>	μmol/L	76.7	59.4	—	94.0	5.8
		mg/dL	4.44	3.44	—	5.44	0.33		mg/dL	4.49	3.47	—	5.50	0.34
	BS-230 <sup>5</sup>	μmol/L	75.4	58.4	—	92.4	5.7	BS-480 <sup>14</sup>	μmol/L	75.4	58.4	—	92.4	5.7
		mg/dL	4.41	3.42	—	5.40	0.33		mg/dL	4.41	3.42	—	5.40	0.33
	BS-240E <sup>6</sup>	μmol/L	75.7	58.7	—	92.7	5.7	BS-600 <sup>15</sup>	μmol/L	76.7	59.4	—	94.0	5.8
		mg/dL	4.43	3.43	—	5.42	0.33		mg/dL	4.49	3.47	—	5.50	0.34
	BS-300 <sup>7</sup>	μmol/L	75.9	58.8	—	93.0	5.7	BS-800 <sup>16</sup>	μmol/L	76.7	59.4	—	94.0	5.8
		mg/dL	4.44	3.44	—	5.44	0.33		mg/dL	4.49	3.47	—	5.50	0.34
	BS-330 <sup>8</sup>	μmol/L	72.8	56.4	—	89.2	5.5	BS-2000 <sup>17</sup>	μmol/L	77.0	59.7	—	94.3	5.8
		mg/dL	4.26	3.30	—	5.22	0.32		mg/dL	4.50	3.49	—	5.51	0.34
	BS-330E <sup>9</sup>	μmol/L	75.9	58.8	—	93.0	5.7	BS-2800M <sup>18</sup>	μmol/L	77.1	59.8	—	94.4	5.8
		mg/dL	4.44	3.44	—	5.44	0.33		mg/dL	4.51	3.50	—	5.52	0.34
<b>Bil-T (VOX)</b>	BS-120 <sup>1</sup>	μmol/L	70.6	54.7	—	86.5	5.3	BS-360E <sup>10</sup>	μmol/L	69.9	54.2	—	85.6	5.2
		mg/dL	4.13	3.20	—	5.06	0.31		mg/dL	4.09	3.17	—	5.01	0.30
	BS-180 <sup>2</sup>	μmol/L	70.6	54.7	—	86.5	5.3	BS-380 <sup>11</sup>	μmol/L	69.1	53.6	—	84.6	5.2
		mg/dL	4.13	3.20	—	5.06	0.31		mg/dL	4.04	3.13	—	4.95	0.30
	BS-200 <sup>3</sup>	μmol/L	70.6	54.7	—	86.5	5.3	BS-400 <sup>12</sup>	μmol/L	69.1	53.6	—	84.6	5.2
		mg/dL	4.13	3.20	—	5.06	0.31		mg/dL	4.04	3.13	—	4.95	0.30
	BS-200E <sup>4</sup>	μmol/L	69.1	53.6	—	84.6	5.2	BS-430 <sup>13</sup>	μmol/L	69.9	54.2	—	85.6	5.2
		mg/dL	4.04	3.13	—	4.95	0.30		mg/dL	4.09	3.17	—	5.01	0.30
	BS-230 <sup>5</sup>	μmol/L	70.1	54.3	—	85.9	5.3	BS-480 <sup>14</sup>	μmol/L	69.9	54.2	—	85.6	5.2
		mg/dL	4.10	3.18	—	5.02	0.31		mg/dL	4.09	3.17	—	5.01	0.30
	BS-240E <sup>6</sup>	μmol/L	69.9	54.2	—	85.6	5.2	BS-600 <sup>15</sup>	μmol/L	69.9	54.2	—	85.6	5.2
		mg/dL	4.09	3.17	—	5.01	0.30		mg/dL	4.09	3.17	—	5.01	0.30
	BS-300 <sup>7</sup>	μmol/L	69.1	53.6	—	84.6	5.2	BS-800 <sup>16</sup>	μmol/L	69.9	54.2	—	85.6	5.2
		mg/dL	4.04	3.14	—	4.95	0.30		mg/dL	4.09	3.17	—	5.01	0.30
	BS-330 <sup>8</sup>	μmol/L	70.6	54.7	—	86.5	5.3	BS-2000 <sup>17</sup>	μmol/L	69.8	54.1	—	85.5	5.2
		mg/dL	4.13	3.20	—	5.06	0.31		mg/dL	4.08	3.16	—	5.00	0.30
	BS-330E <sup>9</sup>	μmol/L	69.1	53.6	—	84.6	5.2	BS-2800M <sup>18</sup>	μmol/L	69.6	53.9	—	85.3	5.2
		mg/dL	4.04	3.13	—	4.95	0.30		mg/dL	4.07	3.15	—	4.99	0.30

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>Ca</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	3.16	2.80	—	3.52	0.12	<b>BS-360E</b> <sup>10</sup>	mmol/L	3.21	2.84	—	3.58	0.12
		mg/dL	12.7	11.2	—	14.1	0.5		mg/dL	12.9	11.4	—	14.4	0.5
	<b>BS-180</b> <sup>2</sup>	mmol/L	3.16	2.80	—	3.52	0.12	<b>BS-380</b> <sup>11</sup>	mmol/L	3.32	2.94	—	3.70	0.13
		mg/dL	12.7	11.2	—	14.1	0.5		mg/dL	13.3	11.8	—	14.8	0.5
	<b>BS-200</b> <sup>3</sup>	mmol/L	3.20	2.84	—	3.56	0.12	<b>BS-400</b> <sup>12</sup>	mmol/L	3.22	2.85	—	3.59	0.12
		mg/dL	12.8	11.4	—	14.3	0.5		mg/dL	12.9	11.4	—	14.4	0.5
	<b>BS-200E</b> <sup>4</sup>	mmol/L	3.25	2.88	—	3.62	0.12	<b>BS-430</b> <sup>13</sup>	mmol/L	3.21	2.84	—	3.58	0.12
		mg/dL	13.0	11.5	—	14.5	0.5		mg/dL	12.9	11.4	—	14.4	0.5
	<b>BS-230</b> <sup>5</sup>	mmol/L	3.21	2.84	—	3.58	0.12	<b>BS-480</b> <sup>14</sup>	mmol/L	3.20	2.84	—	3.56	0.12
		mg/dL	12.9	11.4	—	14.4	0.5		mg/dL	12.8	11.4	—	14.3	0.5
	<b>BS-240E</b> <sup>6</sup>	mmol/L	3.17	2.81	—	3.53	0.12	<b>BS-600</b> <sup>15</sup>	mmol/L	3.22	2.85	—	3.59	0.12
		mg/dL	12.7	11.3	—	14.2	0.5		mg/dL	12.9	11.4	—	14.4	0.5
	<b>BS-300</b> <sup>7</sup>	mmol/L	3.20	2.84	—	3.56	0.12	<b>BS-800</b> <sup>16</sup>	mmol/L	3.19	2.83	—	3.55	0.12
		mg/dL	12.8	11.4	—	14.3	0.5		mg/dL	12.8	11.3	—	14.2	0.5
	<b>BS-330</b> <sup>8</sup>	mmol/L	3.20	2.84	—	3.56	0.12	<b>BS-2000</b> <sup>17</sup>	mmol/L	3.23	2.86	—	3.60	0.12
		mg/dL	12.8	11.4	—	14.3	0.5		mg/dL	13.0	11.5	—	14.4	0.5
	<b>BS-330E</b> <sup>9</sup>	mmol/L	3.25	2.88	—	3.62	0.12	<b>BS-2800M</b> <sup>18</sup>	mmol/L	3.21	2.84	—	3.58	0.12
		mg/dL	13.0	11.5	—	14.5	0.5		mg/dL	12.9	11.4	—	14.4	0.5
<b>TC</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	4.53	3.92	—	5.14	0.20	<b>BS-360E</b> <sup>10</sup>	mmol/L	4.63	4.00	—	5.26	0.21
		mg/dL	175	152	—	199	8		mg/dL	179	155	—	203	8
	<b>BS-180</b> <sup>2</sup>	mmol/L	4.53	3.92	—	5.14	0.20	<b>BS-380</b> <sup>11</sup>	mmol/L	4.59	3.97	—	5.21	0.21
		mg/dL	175	152	—	199	8		mg/dL	177	153	—	201	8
	<b>BS-200</b> <sup>3</sup>	mmol/L	4.51	3.90	—	5.12	0.20	<b>BS-400</b> <sup>12</sup>	mmol/L	4.59	3.97	—	5.21	0.21
		mg/dL	174	151	—	198	8		mg/dL	177	153	—	201	8
	<b>BS-200E</b> <sup>4</sup>	mmol/L	4.59	3.97	—	5.21	0.21	<b>BS-430</b> <sup>13</sup>	mmol/L	4.70	4.07	—	5.33	0.21
		mg/dL	177	153	—	201	8		mg/dL	182	157	—	206	8
	<b>BS-230</b> <sup>5</sup>	mmol/L	4.70	4.07	—	5.33	0.21	<b>BS-480</b> <sup>14</sup>	mmol/L	4.70	4.07	—	5.33	0.21
		mg/dL	182	157	—	206	8		mg/dL	182	157	—	206	8
	<b>BS-240E</b> <sup>6</sup>	mmol/L	4.59	3.97	—	5.21	0.21	<b>BS-600</b> <sup>15</sup>	mmol/L	4.70	4.07	—	5.33	0.21
		mg/dL	177	153	—	201	8		mg/dL	182	157	—	206	8
	<b>BS-300</b> <sup>7</sup>	mmol/L	4.64	4.01	—	5.27	0.21	<b>BS-800</b> <sup>16</sup>	mmol/L	4.70	4.07	—	5.33	0.21
		mg/dL	179	155	—	204	8		mg/dL	182	157	—	206	8
	<b>BS-330</b> <sup>8</sup>	mmol/L	4.51	3.90	—	5.12	0.20	<b>BS-2000</b> <sup>17</sup>	mmol/L	4.60	3.98	—	5.22	0.21
		mg/dL	174	151	—	198	8		mg/dL	178	154	—	202	8
	<b>BS-330E</b> <sup>9</sup>	mmol/L	4.59	3.97	—	5.21	0.21	<b>BS-2800M</b> <sup>18</sup>	mmol/L	4.58	3.96	—	5.20	0.21
		mg/dL	177	153	—	201	8		mg/dL	177	153	—	201	8
<b>HDL-C</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	1.51	1.17	—	1.85	0.11	<b>BS-360E</b> <sup>10</sup>	mmol/L	1.51	1.17	—	1.85	0.11
		mg/dL	58.4	45.2	—	71.5	4.3		mg/dL	58.4	45.2	—	71.5	4.3
	<b>BS-180</b> <sup>2</sup>	mmol/L	1.51	1.17	—	1.85	0.11	<b>BS-380</b> <sup>11</sup>	mmol/L	1.54	1.19	—	1.89	0.12
		mg/dL	58.4	45.2	—	71.5	4.3		mg/dL	59.5	46.0	—	73.1	4.6
	<b>BS-200</b> <sup>3</sup>	mmol/L	1.54	1.19	—	1.89	0.12	<b>BS-400</b> <sup>12</sup>	mmol/L	1.54	1.19	—	1.89	0.12
		mg/dL	59.5	46.0	—	73.1	4.6		mg/dL	59.5	46.0	—	73.1	4.6
	<b>BS-200E</b> <sup>4</sup>	mmol/L	1.50	1.16	—	1.84	0.11	<b>BS-430</b> <sup>13</sup>	mmol/L	1.53	1.19	—	1.87	0.11
		mg/dL	58.0	44.8	—	71.1	4.3		mg/dL	59.1	46.0	—	72.3	4.3
	<b>BS-230</b> <sup>5</sup>	mmol/L	1.47	1.14	—	1.80	0.11	<b>BS-480</b> <sup>14</sup>	mmol/L	1.55	1.20	—	1.90	0.12
		mg/dL	56.8	44.1	—	69.6	4.3		mg/dL	59.9	46.4	—	73.5	4.6
	<b>BS-240E</b> <sup>6</sup>	mmol/L	1.49	1.15	—	1.83	0.11	<b>BS-600</b> <sup>15</sup>	mmol/L	1.55	1.20	—	1.90	0.12
		mg/dL	57.6	44.5	—	70.7	4.3		mg/dL	59.9	46.4	—	73.5	4.6
	<b>BS-300</b> <sup>7</sup>	mmol/L	1.52	1.18	—	1.86	0.11	<b>BS-800</b> <sup>16</sup>	mmol/L	1.52	1.18	—	1.86	0.11
		mg/dL	58.8	45.6	—	71.9	4.3		mg/dL	58.8	45.6	—	71.9	4.3
	<b>BS-330</b> <sup>8</sup>	mmol/L	1.54	1.19	—	1.89	0.12	<b>BS-2000</b> <sup>17</sup>	mmol/L	1.54	1.19	—	1.89	0.12
		mg/dL	59.5	46.0	—	73.1	4.6		mg/dL	59.5	46.0	—	73.1	4.6
	<b>BS-330E</b> <sup>9</sup>	mmol/L	1.50	1.16	—	1.84	0.11	<b>BS-2800M</b> <sup>18</sup>	mmol/L	1.49	1.15	—	1.83	0.11
		mg/dL	58.0	44.8	—	71.1	4.3		mg/dL	57.6	44.5	—	70.7	4.3

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>LDL-C</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	2.88	2.23	—	3.53	0.22	<b>BS-360E</b> <sup>10</sup>	mmol/L	2.91	2.26	—	3.56	0.22
		mg/dL	111	86	—	136	9		mg/dL	113	87	—	138	9
	<b>BS-180</b> <sup>2</sup>	mmol/L	2.88	2.23	—	3.53	0.22	<b>BS-380</b> <sup>11</sup>	mmol/L	2.94	2.28	—	3.60	0.22
		mg/dL	111	86	—	136	9		mg/dL	114	88	—	139	9
	<b>BS-200</b> <sup>3</sup>	mmol/L	2.98	2.31	—	3.65	0.22	<b>BS-400</b> <sup>12</sup>	mmol/L	2.90	2.25	—	3.55	0.22
		mg/dL	115	89	—	141	9		mg/dL	112	87	—	137	9
	<b>BS-200E</b> <sup>4</sup>	mmol/L	2.91	2.26	—	3.56	0.22	<b>BS-430</b> <sup>13</sup>	mmol/L	2.92	2.26	—	3.58	0.22
		mg/dL	113	87	—	138	9		mg/dL	113	87	—	138	9
	<b>BS-230</b> <sup>5</sup>	mmol/L	2.72	2.11	—	3.33	0.20	<b>BS-480</b> <sup>14</sup>	mmol/L	2.97	2.30	—	3.64	0.22
		mg/dL	105	82	—	129	8		mg/dL	115	89	—	141	9
	<b>BS-240E</b> <sup>6</sup>	mmol/L	2.91	2.26	—	3.56	0.22	<b>BS-600</b> <sup>15</sup>	mmol/L	2.88	2.23	—	3.53	0.22
		mg/dL	113	87	—	138	9		mg/dL	111	86	—	136	9
	<b>BS-300</b> <sup>7</sup>	mmol/L	2.95	2.29	—	3.61	0.22	<b>BS-800</b> <sup>16</sup>	mmol/L	2.87	2.22	—	3.52	0.22
		mg/dL	114	89	—	140	9		mg/dL	111	86	—	136	9
	<b>BS-330</b> <sup>8</sup>	mmol/L	2.98	2.31	—	3.65	0.22	<b>BS-2000</b> <sup>17</sup>	mmol/L	2.89	2.24	—	3.54	0.22
		mg/dL	115	89	—	141	9		mg/dL	112	87	—	137	9
	<b>BS-330E</b> <sup>9</sup>	mmol/L	2.91	2.26	—	3.56	0.22	<b>BS-2800M</b> <sup>18</sup>	mmol/L	2.90	2.25	—	3.55	0.22
		mg/dL	113	87	—	138	9		mg/dL	112	87	—	137	9
<b>CK</b>	<b>BS-120</b> <sup>1</sup>	U/L	251	213	—	289	13	<b>BS-360E</b> <sup>10</sup>	U/L	253	215	—	291	13
		μkat/L	4.19	3.56	—	4.83	0.22		μkat/L	4.23	3.59	—	4.86	0.22
	<b>BS-180</b> <sup>2</sup>	U/L	251	213	—	289	13	<b>BS-380</b> <sup>11</sup>	U/L	255	217	—	293	13
		μkat/L	4.19	3.56	—	4.83	0.22		μkat/L	4.26	3.62	—	4.89	0.22
	<b>BS-200</b> <sup>3</sup>	U/L	248	211	—	285	12	<b>BS-400</b> <sup>12</sup>	U/L	255	217	—	293	13
		μkat/L	4.14	3.52	—	4.76	0.20		μkat/L	4.26	3.62	—	4.89	0.22
	<b>BS-200E</b> <sup>4</sup>	U/L	248	211	—	285	12	<b>BS-430</b> <sup>13</sup>	U/L	253	215	—	291	13
		μkat/L	4.14	3.52	—	4.76	0.20		μkat/L	4.23	3.59	—	4.86	0.22
	<b>BS-230</b> <sup>5</sup>	U/L	256	218	—	294	13	<b>BS-480</b> <sup>14</sup>	U/L	255	217	—	293	13
		μkat/L	4.28	3.64	—	4.91	0.22		μkat/L	4.26	3.62	—	4.89	0.22
	<b>BS-240E</b> <sup>6</sup>	U/L	253	215	—	291	13	<b>BS-600</b> <sup>15</sup>	U/L	254	216	—	292	13
		μkat/L	4.23	3.59	—	4.86	0.22		μkat/L	4.24	3.61	—	4.88	0.22
	<b>BS-300</b> <sup>7</sup>	U/L	255	217	—	293	13	<b>BS-800</b> <sup>16</sup>	U/L	253	215	—	291	13
		μkat/L	4.26	3.62	—	4.89	0.22		μkat/L	4.23	3.59	—	4.86	0.22
	<b>BS-330</b> <sup>8</sup>	U/L	248	211	—	285	12	<b>BS-2000</b> <sup>17</sup>	U/L	253	215	—	291	13
		μkat/L	4.14	3.52	—	4.76	0.20		μkat/L	4.23	3.59	—	4.86	0.22
	<b>BS-330E</b> <sup>9</sup>	U/L	248	211	—	285	12	<b>BS-2800M</b> <sup>18</sup>	U/L	258	219	—	297	13
		μkat/L	4.14	3.52	—	4.76	0.20		μkat/L	4.31	3.66	—	4.96	0.22
<b>CK-MB</b>	<b>BS-120</b> <sup>1</sup>	U/L	91.9	71.2	—	112.6	6.9	<b>BS-360E</b> <sup>10</sup>	U/L	94.1	72.9	—	115.3	7.1
		μkat/L	1.53	1.19	—	1.88	0.12		μkat/L	1.57	1.22	—	1.93	0.12
	<b>BS-180</b> <sup>2</sup>	U/L	91.9	71.2	—	112.6	6.9	<b>BS-380</b> <sup>11</sup>	U/L	92.9	72.0	—	113.8	7.0
		μkat/L	1.53	1.19	—	1.88	0.12		μkat/L	1.55	1.20	—	1.90	0.12
	<b>BS-200</b> <sup>3</sup>	U/L	90.6	70.2	—	111.0	6.8	<b>BS-400</b> <sup>12</sup>	U/L	93.9	72.8	—	115.0	7.0
		μkat/L	1.51	1.17	—	1.85	0.11		μkat/L	1.57	1.22	—	1.92	0.12
	<b>BS-200E</b> <sup>4</sup>	U/L	92.9	72.0	—	113.8	7.0	<b>BS-430</b> <sup>13</sup>	U/L	93.5	72.5	—	114.5	7.0
		μkat/L	1.55	1.20	—	1.90	0.12		μkat/L	1.56	1.21	—	1.91	0.12
	<b>BS-230</b> <sup>5</sup>	U/L	94.9	73.5	—	116.3	7.1	<b>BS-480</b> <sup>14</sup>	U/L	93.4	72.4	—	114.4	7.0
		μkat/L	1.58	1.23	—	1.94	0.12		μkat/L	1.56	1.21	—	1.91	0.12
	<b>BS-240E</b> <sup>6</sup>	U/L	92.9	72.0	—	113.8	7.0	<b>BS-600</b> <sup>15</sup>	U/L	93.5	72.5	—	114.5	7.0
		μkat/L	1.55	1.20	—	1.90	0.12		μkat/L	1.56	1.21	—	1.91	0.12
	<b>BS-300</b> <sup>7</sup>	U/L	93.1	72.2	—	114.0	7.0	<b>BS-800</b> <sup>16</sup>	U/L	93.0	72.1	—	113.9	7.0
		μkat/L	1.55	1.21	—	1.90	0.12		μkat/L	1.55	1.20	—	1.90	0.12
	<b>BS-330</b> <sup>8</sup>	U/L	90.6	70.2	—	111.0	6.8	<b>BS-2000</b> <sup>17</sup>	U/L	91.8	71.1	—	112.5	6.9
		μkat/L	1.51	1.17	—	1.85	0.11		μkat/L	1.53	1.19	—	1.88	0.12
	<b>BS-330E</b> <sup>9</sup>	U/L	92.9	72.0	—	113.8	7.0	<b>BS-2800M</b> <sup>18</sup>	U/L	95.9	74.3	—	117.5	7.2
		μkat/L	1.55	1.20	—	1.90	0.12		μkat/L	1.60	1.24	—	1.96	0.12

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	
<b>Crea (SOX)</b> Note: This reference value is only applicable to 141121019 and subsequent batch reagents	BS-120 <sup>1</sup>	μmol/L	362	308	—	416	BS-360E <sup>10</sup>	μmol/L	362	308	—	416	18
		mg/dL	4.10	3.48	—	4.71		0.20	mg/dL	4.10	3.48	—	4.71
	BS-180 <sup>2</sup>	μmol/L	362	308	—	416	BS-380 <sup>11</sup>	μmol/L	367	312	—	422	18
		mg/dL	4.10	3.48	—	4.71		0.20	mg/dL	4.15	3.53	—	4.77
	BS-200 <sup>3</sup>	μmol/L	360	306	—	414	BS-400 <sup>12</sup>	μmol/L	371	315	—	427	19
		mg/dL	4.07	3.46	—	4.68		0.20	mg/dL	4.20	3.56	—	4.83
	BS-200E <sup>4</sup>	μmol/L	372	316	—	428	BS-430 <sup>13</sup>	μmol/L	370	315	—	426	19
		mg/dL	4.21	3.57	—	4.84		0.21	mg/dL	4.19	3.56	—	4.82
	BS-230 <sup>5</sup>	μmol/L	363	309	—	417	BS-480 <sup>14</sup>	μmol/L	367	312	—	422	18
		mg/dL	4.11	3.50	—	4.72		0.20	mg/dL	4.15	3.53	—	4.77
	BS-240E <sup>6</sup>	μmol/L	367	312	—	422	BS-600 <sup>15</sup>	μmol/L	376	320	—	432	19
		mg/dL	4.15	3.53	—	4.77		0.20	mg/dL	4.25	3.62	—	4.89
	BS-300 <sup>7</sup>	μmol/L	361	307	—	415	BS-800 <sup>16</sup>	μmol/L	308	262	—	354	15
		mg/dL	4.08	3.47	—	4.69		0.20	mg/dL	3.48	2.96	—	4.00
	BS-330 <sup>8</sup>	μmol/L	360	306	—	414	BS-2000 <sup>17</sup>	μmol/L	306	260	—	352	15
		mg/dL	4.07	3.46	—	4.68		0.20	mg/dL	3.46	2.94	—	3.98
	BS-330E <sup>9</sup>	μmol/L	372	316	—	428	BS-2800M <sup>18</sup>	μmol/L	311	264	—	358	16
		mg/dL	4.21	3.57	—	4.84		0.21	mg/dL	3.52	2.99	—	4.05
<b>Crea (SOX)</b> Note: This reference value is only applicable to 141121018 and before batch reagents	BS-120 <sup>1</sup>	μmol/L	375	319	—	431	BS-360E <sup>10</sup>	μmol/L	375	319	—	431	19
		mg/dL	4.24	3.61	—	4.88		0.21	mg/dL	4.24	3.61	—	4.88
	BS-180 <sup>2</sup>	μmol/L	375	319	—	431	BS-380 <sup>11</sup>	μmol/L	374	318	—	430	19
		mg/dL	4.24	3.61	—	4.88		0.21	mg/dL	4.23	3.60	—	4.86
	BS-200 <sup>3</sup>	μmol/L	370	315	—	426	BS-400 <sup>12</sup>	μmol/L	374	318	—	430	19
		mg/dL	4.19	3.56	—	4.82		0.21	mg/dL	4.23	3.60	—	4.86
	BS-200E <sup>4</sup>	μmol/L	382	325	—	439	BS-430 <sup>13</sup>	μmol/L	379	322	—	436	19
		mg/dL	4.32	3.68	—	4.97		0.21	mg/dL	4.29	3.64	—	4.93
	BS-230 <sup>5</sup>	μmol/L	379	322	—	436	BS-480 <sup>14</sup>	μmol/L	375	319	—	431	19
		mg/dL	4.29	3.64	—	4.93		0.21	mg/dL	4.24	3.61	—	4.88
	BS-240E <sup>6</sup>	μmol/L	379	322	—	436	BS-600 <sup>15</sup>	μmol/L	379	322	—	436	19
		mg/dL	4.29	3.64	—	4.93		0.21	mg/dL	4.29	3.64	—	4.93
	BS-300 <sup>7</sup>	μmol/L	373	317	—	429	BS-800 <sup>16</sup>	μmol/L	308	262	—	354	15
		mg/dL	4.22	3.59	—	4.85		0.21	mg/dL	3.48	2.96	—	4.00
	BS-330 <sup>8</sup>	μmol/L	370	315	—	426	BS-2000 <sup>17</sup>	μmol/L	306	260	—	352	15
		mg/dL	4.19	3.56	—	4.82		0.21	mg/dL	3.46	2.94	—	3.98
	BS-330E <sup>9</sup>	μmol/L	382	325	—	439	BS-2800M <sup>18</sup>	μmol/L	311	264	—	358	16
		mg/dL	4.32	3.68	—	4.97		0.21	mg/dL	3.52	2.99	—	4.05
<b>GLU (GOD)</b>	BS-120 <sup>1</sup>	mmol/L	13.2	11.2	—	15.2	BS-360E <sup>10</sup>	mmol/L	13.3	11.3	—	15.3	0.7
		mg/dL	238	202	—	274		13	mg/dL	240	204	—	276
	BS-180 <sup>2</sup>	mmol/L	13.2	11.2	—	15.2	BS-380 <sup>11</sup>	mmol/L	13.5	11.5	—	15.5	0.7
		mg/dL	238	202	—	274		13	mg/dL	243	207	—	279
	BS-200 <sup>3</sup>	mmol/L	13.1	11.1	—	15.1	BS-400 <sup>12</sup>	mmol/L	13.3	11.3	—	15.3	0.7
		mg/dL	236	200	—	272		13	mg/dL	240	204	—	276
	BS-200E <sup>4</sup>	mmol/L	13.4	11.4	—	15.4	BS-430 <sup>13</sup>	mmol/L	13.4	11.4	—	15.4	0.7
		mg/dL	241	205	—	277		13	mg/dL	241	205	—	277
	BS-230 <sup>5</sup>	mmol/L	13.3	11.3	—	15.3	BS-480 <sup>14</sup>	mmol/L	13.3	11.3	—	15.3	0.7
		mg/dL	240	204	—	276		13	mg/dL	240	204	—	276
	BS-240E <sup>6</sup>	mmol/L	13.3	11.3	—	15.3	BS-600 <sup>15</sup>	mmol/L	13.5	11.5	—	15.5	0.7
		mg/dL	240	204	—	276		13	mg/dL	243	207	—	279
	BS-300 <sup>7</sup>	mmol/L	13.4	11.4	—	15.4	BS-800 <sup>16</sup>	mmol/L	13.1	11.1	—	15.1	0.7
		mg/dL	241	205	—	277		13	mg/dL	236	200	—	272
	BS-330 <sup>8</sup>	mmol/L	13.1	11.1	—	15.1	BS-2000 <sup>17</sup>	mmol/L	13.3	11.3	—	15.3	0.7
		mg/dL	236	200	—	272		13	mg/dL	240	204	—	276
	BS-330E <sup>9</sup>	mmol/L	13.4	11.4	—	15.4	BS-2800M <sup>18</sup>	mmol/L	13.3	11.3	—	15.3	0.7
		mg/dL	241	205	—	277		13	mg/dL	240	204	—	276



Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>GLU (HK)</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	13.5	11.5	—	15.5	0.7	<b>BS-360E</b> <sup>10</sup>	mmol/L	13.1	11.1	—	15.1	0.7
		mg/dL	243	207	—	279	13		mg/dL	236	200	—	272	13
	<b>BS-180</b> <sup>2</sup>	mmol/L	13.5	11.5	—	15.5	0.7	<b>BS-380</b> <sup>11</sup>	mmol/L	13.8	11.7	—	15.9	0.7
		mg/dL	243	207	—	279	13		mg/dL	249	211	—	286	13
	<b>BS-200</b> <sup>3</sup>	mmol/L	13.3	11.3	—	15.3	0.7	<b>BS-400</b> <sup>12</sup>	mmol/L	13.7	11.6	—	15.8	0.7
		mg/dL	240	204	—	276	13		mg/dL	247	209	—	285	13
	<b>BS-200E</b> <sup>4</sup>	mmol/L	13.6	11.6	—	15.6	0.7	<b>BS-430</b> <sup>13</sup>	mmol/L	13.5	11.5	—	15.5	0.7
		mg/dL	245	209	—	281	13		mg/dL	243	207	—	279	13
	<b>BS-230</b> <sup>5</sup>	mmol/L	13.7	11.6	—	15.8	0.7	<b>BS-480</b> <sup>14</sup>	mmol/L	13.3	11.3	—	15.3	0.7
		mg/dL	247	209	—	285	13		mg/dL	240	204	—	276	13
	<b>BS-240E</b> <sup>6</sup>	mmol/L	13.3	11.3	—	15.3	0.7	<b>BS-600</b> <sup>15</sup>	mmol/L	13.4	11.4	—	15.4	0.7
		mg/dL	240	204	—	276	13		mg/dL	241	205	—	277	13
	<b>BS-300</b> <sup>7</sup>	mmol/L	13.6	11.6	—	15.6	0.7	<b>BS-800</b> <sup>16</sup>	mmol/L	13.5	11.5	—	15.5	0.7
		mg/dL	245	209	—	281	13		mg/dL	243	207	—	279	13
	<b>BS-330</b> <sup>8</sup>	mmol/L	13.3	11.3	—	15.3	0.7	<b>BS-2000</b> <sup>17</sup>	mmol/L	13.5	11.5	—	15.5	0.7
		mg/dL	240	204	—	276	13		mg/dL	243	207	—	279	13
	<b>BS-330E</b> <sup>9</sup>	mmol/L	13.6	11.6	—	15.6	0.7	<b>BS-2800M</b> <sup>18</sup>	mmol/L	13.6	11.6	—	15.6	0.7
		mg/dL	245	209	—	281	13		mg/dL	245	209	—	281	13
<b>GGT</b>	<b>BS-120</b> <sup>1</sup>	U/L	290	247	—	334	15	<b>BS-360E</b> <sup>10</sup>	U/L	292	248	—	336	15
		μkat/L	4.84	4.12	—	5.58	0.25		μkat/L	4.88	4.14	—	5.61	0.25
	<b>BS-180</b> <sup>2</sup>	U/L	290	247	—	334	15	<b>BS-380</b> <sup>11</sup>	U/L	293	249	—	337	15
		μkat/L	4.84	4.12	—	5.58	0.25		μkat/L	4.89	4.16	—	5.63	0.25
	<b>BS-200</b> <sup>3</sup>	U/L	290	247	—	334	15	<b>BS-400</b> <sup>12</sup>	U/L	293	249	—	337	15
		μkat/L	4.84	4.12	—	5.58	0.25		μkat/L	4.89	4.16	—	5.63	0.25
	<b>BS-200E</b> <sup>4</sup>	U/L	285	242	—	328	14	<b>BS-430</b> <sup>13</sup>	U/L	291	247	—	335	15
		μkat/L	4.76	4.04	—	5.48	0.23		μkat/L	4.86	4.12	—	5.59	0.25
	<b>BS-230</b> <sup>5</sup>	U/L	294	250	—	338	15	<b>BS-480</b> <sup>14</sup>	U/L	291	247	—	335	15
		μkat/L	4.91	4.18	—	5.64	0.25		μkat/L	4.86	4.12	—	5.59	0.25
	<b>BS-240E</b> <sup>6</sup>	U/L	289	246	—	332	14	<b>BS-600</b> <sup>15</sup>	U/L	291	247	—	335	15
		μkat/L	4.83	4.11	—	5.54	0.23		μkat/L	4.86	4.12	—	5.59	0.25
	<b>BS-300</b> <sup>7</sup>	U/L	293	249	—	337	15	<b>BS-800</b> <sup>16</sup>	U/L	291	247	—	335	15
		μkat/L	4.89	4.16	—	5.63	0.25		μkat/L	4.86	4.12	—	5.59	0.25
	<b>BS-330</b> <sup>8</sup>	U/L	290	247	—	334	15	<b>BS-2000</b> <sup>17</sup>	U/L	288	245	—	331	14
		μkat/L	4.84	4.12	—	5.58	0.25		μkat/L	4.81	4.09	—	5.53	0.23
	<b>BS-330E</b> <sup>9</sup>	U/L	285	242	—	328	14	<b>BS-2800M</b> <sup>18</sup>	U/L	290	247	—	334	15
		μkat/L	4.76	4.04	—	5.48	0.23		μkat/L	4.84	4.12	—	5.58	0.25
<b>α-HBDH</b>	<b>BS-120</b> <sup>1</sup>	U/L	289	246	—	332	14	<b>BS-360E</b> <sup>10</sup>	U/L	290	247	—	334	15
		μkat/L	4.83	4.11	—	5.54	0.23		μkat/L	4.84	4.12	—	5.58	0.25
	<b>BS-180</b> <sup>2</sup>	U/L	289	246	—	332	14	<b>BS-380</b> <sup>11</sup>	U/L	292	248	—	336	15
		μkat/L	4.83	4.11	—	5.54	0.23		μkat/L	4.88	4.14	—	5.61	0.25
	<b>BS-200</b> <sup>3</sup>	U/L	291	247	—	335	15	<b>BS-400</b> <sup>12</sup>	U/L	291	247	—	335	15
		μkat/L	4.86	4.12	—	5.59	0.25		μkat/L	4.86	4.12	—	5.59	0.25
	<b>BS-200E</b> <sup>4</sup>	U/L	286	243	—	329	14	<b>BS-430</b> <sup>13</sup>	U/L	291	247	—	335	15
		μkat/L	4.78	4.06	—	5.49	0.23		μkat/L	4.86	4.12	—	5.59	0.25
	<b>BS-230</b> <sup>5</sup>	U/L	293	249	—	337	15	<b>BS-480</b> <sup>14</sup>	U/L	291	247	—	335	15
		μkat/L	4.89	4.16	—	5.63	0.25		μkat/L	4.86	4.12	—	5.59	0.25
	<b>BS-240E</b> <sup>6</sup>	U/L	290	247	—	334	15	<b>BS-600</b> <sup>15</sup>	U/L	293	249	—	337	15
		μkat/L	4.84	4.12	—	5.58	0.25		μkat/L	4.89	4.16	—	5.63	0.25
	<b>BS-300</b> <sup>7</sup>	U/L	293	249	—	337	15	<b>BS-800</b> <sup>16</sup>	U/L	291	247	—	335	15
		μkat/L	4.89	4.16	—	5.63	0.25		μkat/L	4.86	4.12	—	5.59	0.25
	<b>BS-330</b> <sup>8</sup>	U/L	291	247	—	335	15	<b>BS-2000</b> <sup>17</sup>	U/L	294	250	—	338	15
		μkat/L	4.86	4.12	—	5.59	0.25		μkat/L	4.91	4.18	—	5.64	0.25
	<b>BS-330E</b> <sup>9</sup>	U/L	286	243	—	329	14	<b>BS-2800M</b> <sup>18</sup>	U/L	289	246	—	332	14
		μkat/L	4.78	4.06	—	5.49	0.23		μkat/L	4.83	4.11	—	5.54	0.23

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)			1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)			1 SD
<b>ApoA1</b>	BS-120 <sup>1</sup>	g/L	1.91	1.48	—	2.34	0.14	BS-360E <sup>10</sup>	g/L	1.88	1.46	—	2.30	0.14
		μmol/L	68.2	52.8	—	83.5	5.0		μmol/L	67.1	52.1	—	82.1	5.0
	BS-180 <sup>2</sup>	g/L	1.91	1.48	—	2.34	0.14	BS-380 <sup>11</sup>	g/L	1.90	1.47	—	2.33	0.14
		μmol/L	68.2	52.8	—	83.5	5.0		μmol/L	67.8	52.5	—	83.2	5.0
	BS-200 <sup>3</sup>	g/L	1.86	1.44	—	2.28	0.14	BS-400 <sup>12</sup>	g/L	1.95	1.51	—	2.39	0.15
		μmol/L	66.4	51.4	—	81.4	5.0		μmol/L	69.6	53.9	—	85.3	5.4
	BS-200E <sup>4</sup>	g/L	2.03	1.57	—	2.49	0.15	BS-430 <sup>13</sup>	g/L	1.95	1.51	—	2.39	0.15
		μmol/L	72.5	56.0	—	88.9	5.4		μmol/L	69.6	53.9	—	85.3	5.4
	BS-230 <sup>5</sup>	g/L	1.87	1.45	—	2.29	0.14	BS-480 <sup>14</sup>	g/L	1.92	1.49	—	2.35	0.14
		μmol/L	66.8	51.8	—	81.8	5.0		μmol/L	68.5	53.2	—	83.9	5.0
	BS-240E <sup>6</sup>	g/L	1.88	1.46	—	2.30	0.14	BS-600 <sup>15</sup>	g/L	1.92	1.49	—	2.35	0.14
		μmol/L	67.1	52.1	—	82.1	5.0		μmol/L	68.5	53.2	—	83.9	5.0
	BS-300 <sup>7</sup>	g/L	1.85	1.43	—	2.27	0.14	BS-800 <sup>16</sup>	g/L	1.87	1.45	—	2.29	0.14
		μmol/L	66.0	51.1	—	81.0	5.0		μmol/L	66.8	51.8	—	81.8	5.0
	BS-330 <sup>8</sup>	g/L	1.86	1.44	—	2.28	0.14	BS-2000 <sup>17</sup>	g/L	1.85	1.43	—	2.27	0.14
		μmol/L	66.4	51.4	—	81.4	5.0		μmol/L	66.0	51.1	—	81.0	5.0
	BS-330E <sup>9</sup>	g/L	2.03	1.57	—	2.49	0.15	BS-2800M <sup>18</sup>	g/L	1.88	1.46	—	2.30	0.14
		μmol/L	72.5	56.0	—	88.9	5.4		μmol/L	67.1	52.1	—	82.1	5.0
<b>ApoB</b> Note: This reference value is only applicable to 141922002 and subsequent batch ApoB reagents	BS-120 <sup>1</sup>	g/L	0.851	0.660	—	1.042	0.064	BS-360E <sup>10</sup>	g/L	0.903	0.700	—	1.106	0.068
		μmol/L	1.66	1.29	—	2.03	0.12		μmol/L	1.76	1.37	—	2.16	0.13
	BS-180 <sup>2</sup>	g/L	0.851	0.660	—	1.042	0.064	BS-380 <sup>11</sup>	g/L	0.889	0.689	—	1.089	0.067
		μmol/L	1.66	1.29	—	2.03	0.12		μmol/L	1.73	1.34	—	2.12	0.13
	BS-200 <sup>3</sup>	g/L	0.867	0.672	—	1.062	0.065	BS-400 <sup>12</sup>	g/L	0.872	0.676	—	1.068	0.065
		μmol/L	1.69	1.31	—	2.07	0.13		μmol/L	1.70	1.32	—	2.08	0.13
	BS-200E <sup>4</sup>	g/L	0.882	0.684	—	1.080	0.066	BS-430 <sup>13</sup>	g/L	0.888	0.688	—	1.088	0.067
		μmol/L	1.72	1.33	—	2.11	0.13		μmol/L	1.73	1.34	—	2.12	0.13
	BS-230 <sup>5</sup>	g/L	0.863	0.669	—	1.057	0.065	BS-480 <sup>14</sup>	g/L	0.876	0.679	—	1.073	0.066
		μmol/L	1.68	1.30	—	2.06	0.13		μmol/L	1.71	1.32	—	2.09	0.13
	BS-240E <sup>6</sup>	g/L	0.849	0.658	—	1.040	0.064	BS-600 <sup>15</sup>	g/L	0.887	0.687	—	1.087	0.067
		μmol/L	1.66	1.28	—	2.03	0.12		μmol/L	1.73	1.34	—	2.12	0.13
	BS-300 <sup>7</sup>	g/L	0.849	0.658	—	1.040	0.064	BS-800 <sup>16</sup>	g/L	0.861	0.667	—	1.055	0.065
		μmol/L	1.66	1.28	—	2.03	0.12		μmol/L	1.68	1.30	—	2.06	0.13
	BS-330 <sup>8</sup>	g/L	0.867	0.672	—	1.062	0.065	BS-2000 <sup>17</sup>	g/L	0.863	0.669	—	1.057	0.065
		μmol/L	1.69	1.31	—	2.07	0.13		μmol/L	1.68	1.30	—	2.06	0.13
	BS-330E <sup>9</sup>	g/L	0.882	0.684	—	1.080	0.066	BS-2800M <sup>18</sup>	g/L	0.861	0.667	—	1.055	0.065
		μmol/L	1.72	1.33	—	2.11	0.13		μmol/L	1.68	1.30	—	2.06	0.13
<b>ApoB</b> Note: This reference value is only applicable to 141922001 and before batch ApoB reagents	BS-120 <sup>1</sup>	g/L	0.911	0.706	—	1.116	0.068	BS-360E <sup>10</sup>	g/L	0.904	0.701	—	1.107	0.068
		μmol/L	1.78	1.38	—	2.18	0.13		μmol/L	1.76	1.37	—	2.16	0.13
	BS-180 <sup>2</sup>	g/L	0.911	0.706	—	1.116	0.068	BS-380 <sup>11</sup>	g/L	0.913	0.708	—	1.118	0.068
		μmol/L	1.78	1.38	—	2.18	0.13		μmol/L	1.78	1.38	—	2.18	0.13
	BS-200 <sup>3</sup>	g/L	0.920	0.713	—	1.127	0.069	BS-400 <sup>12</sup>	g/L	0.916	0.710	—	1.122	0.069
		μmol/L	1.79	1.39	—	2.20	0.13		μmol/L	1.79	1.38	—	2.19	0.13
	BS-200E <sup>4</sup>	g/L	0.943	0.731	—	1.155	0.071	BS-430 <sup>13</sup>	g/L	0.928	0.719	—	1.137	0.070
		μmol/L	1.84	1.43	—	2.25	0.14		μmol/L	1.81	1.40	—	2.22	0.14
	BS-230 <sup>5</sup>	g/L	0.921	0.714	—	1.128	0.069	BS-480 <sup>14</sup>	g/L	0.899	0.697	—	1.101	0.067
		μmol/L	1.80	1.39	—	2.20	0.13		μmol/L	1.75	1.36	—	2.15	0.13
	BS-240E <sup>6</sup>	g/L	0.877	0.680	—	1.074	0.066	BS-600 <sup>15</sup>	g/L	0.899	0.697	—	1.101	0.067
		μmol/L	1.71	1.33	—	2.09	0.13		μmol/L	1.75	1.36	—	2.15	0.13
	BS-300 <sup>7</sup>	g/L	0.910	0.705	—	1.115	0.068	BS-800 <sup>16</sup>	g/L	0.908	0.704	—	1.112	0.068
		μmol/L	1.77	1.37	—	2.17	0.13		μmol/L	1.77	1.37	—	2.17	0.13
	BS-330 <sup>8</sup>	g/L	0.920	0.713	—	1.127	0.069	BS-2000 <sup>17</sup>	g/L	0.921	0.714	—	1.128	0.069
		μmol/L	1.79	1.39	—	2.20	0.13		μmol/L	1.80	1.39	—	2.20	0.13
	BS-330E <sup>9</sup>	g/L	0.943	0.731	—	1.155	0.071	BS-2800M <sup>18</sup>	g/L	0.940	0.729	—	1.152	0.071
		μmol/L	1.84	1.43	—	2.25	0.14		μmol/L	1.83	1.42	—	2.25	0.14

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>C3</b>	<b>BS-120</b> <sup>1</sup>	g/L	1.58	1.26	—	1.90	0.11	<b>BS-360E</b> <sup>10</sup>	g/L	1.61	1.28	—	1.94	0.11
	<b>BS-180</b> <sup>2</sup>	g/L	1.58	1.26	—	1.90	0.11	<b>BS-380</b> <sup>11</sup>	g/L	1.61	1.28	—	1.94	0.11
	<b>BS-200</b> <sup>3</sup>	g/L	1.53	1.22	—	1.84	0.10	<b>BS-400</b> <sup>12</sup>	g/L	1.61	1.28	—	1.94	0.11
	<b>BS-200E</b> <sup>4</sup>	g/L	1.69	1.35	—	2.03	0.11	<b>BS-430</b> <sup>13</sup>	g/L	1.60	1.28	—	1.92	0.11
	<b>BS-230</b> <sup>5</sup>	g/L	1.45	1.16	—	1.74	0.10	<b>BS-480</b> <sup>14</sup>	g/L	1.58	1.26	—	1.90	0.11
	<b>BS-240E</b> <sup>6</sup>	g/L	1.72	1.37	—	2.07	0.12	<b>BS-600</b> <sup>15</sup>	g/L	1.58	1.26	—	1.90	0.11
	<b>BS-300</b> <sup>7</sup>	g/L	1.62	1.29	—	1.95	0.11	<b>BS-800</b> <sup>16</sup>	g/L	1.58	1.26	—	1.90	0.11
	<b>BS-330</b> <sup>8</sup>	g/L	1.53	1.22	—	1.84	0.10	<b>BS-2000</b> <sup>17</sup>	g/L	1.62	1.29	—	1.95	0.11
	<b>BS-330E</b> <sup>9</sup>	g/L	1.69	1.35	—	2.03	0.11	<b>BS-2800M</b> <sup>18</sup>	g/L	1.54	1.23	—	1.85	0.10
<b>C4</b>	<b>BS-120</b> <sup>1</sup>	g/L	0.258	0.206	—	0.310	0.017	<b>BS-360E</b> <sup>10</sup>	g/L	0.275	0.219	—	0.331	0.019
		μmol/L	1.29	1.03	—	1.55	0.09		μmol/L	1.38	1.10	—	1.66	0.10
	<b>BS-180</b> <sup>2</sup>	g/L	0.258	0.206	—	0.310	0.017	<b>BS-380</b> <sup>11</sup>	g/L	0.268	0.214	—	0.322	0.018
		μmol/L	1.29	1.03	—	1.55	0.09		μmol/L	1.34	1.07	—	1.61	0.09
	<b>BS-200</b> <sup>3</sup>	g/L	0.260	0.207	—	0.313	0.018	<b>BS-400</b> <sup>12</sup>	g/L	0.270	0.215	—	0.325	0.018
		μmol/L	1.30	1.04	—	1.57	0.09		μmol/L	1.35	1.08	—	1.63	0.09
	<b>BS-200E</b> <sup>4</sup>	g/L	0.274	0.219	—	0.329	0.018	<b>BS-430</b> <sup>13</sup>	g/L	0.278	0.222	—	0.334	0.019
		μmol/L	1.37	1.10	—	1.65	0.09		μmol/L	1.39	1.11	—	1.67	0.10
	<b>BS-230</b> <sup>5</sup>	g/L	0.252	0.201	—	0.303	0.017	<b>BS-480</b> <sup>14</sup>	g/L	0.267	0.213	—	0.321	0.018
		μmol/L	1.26	1.01	—	1.52	0.09		μmol/L	1.34	1.07	—	1.61	0.09
	<b>BS-240E</b> <sup>6</sup>	g/L	0.275	0.219	—	0.331	0.019	<b>BS-600</b> <sup>15</sup>	g/L	0.268	0.214	—	0.322	0.018
		μmol/L	1.38	1.10	—	1.66	0.10		μmol/L	1.34	1.07	—	1.61	0.09
	<b>BS-300</b> <sup>7</sup>	g/L	0.271	0.216	—	0.326	0.018	<b>BS-800</b> <sup>16</sup>	g/L	0.272	0.217	—	0.327	0.018
		μmol/L	1.36	1.08	—	1.63	0.09		μmol/L	1.36	1.09	—	1.64	0.09
	<b>BS-330</b> <sup>8</sup>	g/L	0.260	0.207	—	0.313	0.018	<b>BS-2000</b> <sup>17</sup>	g/L	0.265	0.211	—	0.319	0.018
		μmol/L	1.30	1.04	—	1.57	0.09		μmol/L	1.33	1.06	—	1.60	0.09
	<b>BS-330E</b> <sup>9</sup>	g/L	0.274	0.219	—	0.329	0.018	<b>BS-2800M</b> <sup>18</sup>	g/L	0.268	0.214	—	0.322	0.018
		μmol/L	1.37	1.10	—	1.65	0.09		μmol/L	1.34	1.07	—	1.61	0.09
<b>CRP II</b>	<b>BS-120</b> <sup>1</sup>	mg/L	61.8	43.3	—	80.3	6.2	<b>BS-360E</b> <sup>10</sup>	mg/L	61.0	42.7	—	79.3	6.1
		nmol/L	588	412	—	764	59		nmol/L	581	407	—	755	58
	<b>BS-180</b> <sup>2</sup>	mg/L	61.8	43.3	—	80.3	6.2	<b>BS-380</b> <sup>11</sup>	mg/L	62.2	43.5	—	80.9	6.2
		nmol/L	588	412	—	764	59		nmol/L	592	414	—	770	59
	<b>BS-200</b> <sup>3</sup>	mg/L	60.8	42.6	—	79.0	6.1	<b>BS-400</b> <sup>12</sup>	mg/L	61.5	43.1	—	80.0	6.2
		nmol/L	579	406	—	752	58		nmol/L	585	410	—	762	59
	<b>BS-200E</b> <sup>4</sup>	mg/L	63.4	44.4	—	82.4	6.3	<b>BS-430</b> <sup>13</sup>	mg/L	61.7	43.2	—	80.2	6.2
		nmol/L	604	423	—	784	60		nmol/L	587	411	—	764	59
	<b>BS-230</b> <sup>5</sup>	mg/L	61.9	43.3	—	80.5	6.2	<b>BS-480</b> <sup>14</sup>	mg/L	61.7	43.2	—	80.2	6.2
		nmol/L	589	412	—	766	59		nmol/L	587	411	—	764	59
	<b>BS-240E</b> <sup>6</sup>	mg/L	61.1	42.8	—	79.4	6.1	<b>BS-600</b> <sup>15</sup>	mg/L	61.9	43.3	—	80.5	6.2
		nmol/L	582	407	—	756	58		nmol/L	589	412	—	766	59
	<b>BS-300</b> <sup>7</sup>	mg/L	62.7	43.9	—	81.5	6.3	<b>BS-800</b> <sup>16</sup>	mg/L	61.6	43.1	—	80.1	6.2
		nmol/L	597	418	—	776	60		nmol/L	586	410	—	763	59
	<b>BS-330</b> <sup>8</sup>	mg/L	60.8	42.6	—	79.0	6.1	<b>BS-2000</b> <sup>17</sup>	mg/L	62.3	43.6	—	81.0	6.2
		nmol/L	579	406	—	752	58		nmol/L	593	415	—	771	59
	<b>BS-330E</b> <sup>9</sup>	mg/L	63.4	44.4	—	82.4	6.3	<b>BS-2800M</b> <sup>18</sup>	mg/L	/	/	—	/	/
		nmol/L	604	423	—	784	60		nmol/L	/	/	—	/	/

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD			
<b>IgA II</b>	<b>BS-200</b> <sup>3</sup>	g/L	2.70	2.09	—	3.31	0.20	<b>BS-400</b> <sup>12</sup>	g/L	2.63	2.04	—	3.22	0.20	
		μmol/L	16.9	13.1	—	20.7	1.3		μmol/L	16.4	12.8	—	20.1	1.3	
	<b>BS-200E</b> <sup>4</sup>	g/L	2.77	2.15	—	3.39	0.21	<b>BS-430</b> <sup>13</sup>	g/L	2.71	2.10	—	3.32	0.20	
		μmol/L	17.3	13.4	—	21.2	1.3		μmol/L	16.9	13.1	—	20.8	1.3	
	<b>BS-230</b> <sup>5</sup>	g/L	2.65	2.05	—	3.25	0.20	<b>BS-480</b> <sup>14</sup>	g/L	2.60	2.02	—	3.19	0.20	
		μmol/L	16.6	12.8	—	20.3	1.3		μmol/L	16.3	12.6	—	19.9	1.3	
	<b>BS-240E</b> <sup>6</sup>	g/L	2.70	2.09	—	3.31	0.20	<b>BS-600</b> <sup>15</sup>	g/L	2.65	2.05	—	3.25	0.20	
		μmol/L	16.9	13.1	—	20.7	1.3		μmol/L	16.6	12.8	—	20.3	1.3	
	<b>BS-330</b> <sup>8</sup>	g/L	2.70	2.09	—	3.31	0.20	<b>BS-800</b> <sup>16</sup>	g/L	2.65	2.05	—	3.25	0.20	
		μmol/L	16.9	13.1	—	20.7	1.3		μmol/L	16.6	12.8	—	20.3	1.3	
	<b>BS-330E</b> <sup>9</sup>	g/L	2.77	2.15	—	3.39	0.21	<b>BS-2000</b> <sup>17</sup>	g/L	2.69	2.08	—	3.30	0.20	
		μmol/L	17.3	13.4	—	21.2	1.3		μmol/L	16.8	13.0	—	20.6	1.3	
	<b>BS-360E</b> <sup>10</sup>	g/L	2.72	2.11	—	3.33	0.20	<b>BS-2800M</b> <sup>18</sup>	g/L	2.62	2.03	—	3.21	0.20	
		μmol/L	17.0	13.2	—	20.8	1.3		μmol/L	16.4	12.7	—	20.1	1.3	
	<b>BS-380</b> <sup>11</sup>	g/L	2.62	2.03	—	3.21	0.20								
		μmol/L	16.4	12.7	—	20.1	1.3								
	<b>IgG</b>	<b>BS-120</b> <sup>1</sup>	g/L	12.5	9.7	—	15.3	0.9	<b>BS-360E</b> <sup>10</sup>	g/L	12.6	9.8	—	15.4	0.9
			μmol/L	83.4	64.7	—	102.1	6.0		μmol/L	84.0	65.4	—	102.7	6.0
<b>BS-180</b> <sup>2</sup>		g/L	12.5	9.7	—	15.3	0.9	<b>BS-380</b> <sup>11</sup>	g/L	12.3	9.5	—	15.1	0.9	
		μmol/L	83.4	64.7	—	102.1	6.0		μmol/L	82.0	63.4	—	100.7	6.0	
<b>BS-200</b> <sup>3</sup>		g/L	12.5	9.7	—	15.3	0.9	<b>BS-400</b> <sup>12</sup>	g/L	12.3	9.5	—	15.1	0.9	
		μmol/L	83.4	64.7	—	102.1	6.0		μmol/L	82.0	63.4	—	100.7	6.0	
<b>BS-200E</b> <sup>4</sup>		g/L	12.5	9.7	—	15.3	0.9	<b>BS-430</b> <sup>13</sup>	g/L	12.3	9.5	—	15.1	0.9	
		μmol/L	83.4	64.7	—	102.1	6.0		μmol/L	82.0	63.4	—	100.7	6.0	
<b>BS-230</b> <sup>5</sup>		g/L	12.1	9.4	—	14.8	0.9	<b>BS-480</b> <sup>14</sup>	g/L	12.4	9.6	—	15.2	0.9	
		μmol/L	80.7	62.7	—	98.7	6.0		μmol/L	82.7	64.0	—	101.4	6.0	
<b>BS-240E</b> <sup>6</sup>		g/L	12.3	9.5	—	15.1	0.9	<b>BS-600</b> <sup>15</sup>	g/L	12.3	9.5	—	15.1	0.9	
		μmol/L	82.0	63.4	—	100.7	6.0		μmol/L	82.0	63.4	—	100.7	6.0	
<b>BS-300</b> <sup>7</sup>		g/L	12.3	9.5	—	15.1	0.9	<b>BS-800</b> <sup>16</sup>	g/L	12.3	9.5	—	15.1	0.9	
		μmol/L	82.0	63.4	—	100.7	6.0		μmol/L	82.0	63.4	—	100.7	6.0	
<b>BS-330</b> <sup>8</sup>		g/L	12.5	9.7	—	15.3	0.9	<b>BS-2000</b> <sup>17</sup>	g/L	12.2	9.5	—	14.9	0.9	
		μmol/L	83.4	64.7	—	102.1	6.0		μmol/L	81.4	63.4	—	99.4	6.0	
<b>BS-330E</b> <sup>9</sup>		g/L	12.5	9.7	—	15.3	0.9	<b>BS-2800M</b> <sup>18</sup>	g/L	12.4	9.6	—	15.2	0.9	
		μmol/L	83.4	64.7	—	102.1	6.0		μmol/L	82.7	64.0	—	101.4	6.0	
<b>IgM</b>	<b>BS-120</b> <sup>1</sup>	g/L	1.18	0.91	—	1.45	0.09	<b>BS-360E</b> <sup>10</sup>	g/L	1.16	0.90	—	1.42	0.09	
		μmol/L	1.22	0.94	—	1.49	0.09		μmol/L	1.19	0.93	—	1.46	0.09	
	<b>BS-180</b> <sup>2</sup>	g/L	1.18	0.91	—	1.45	0.09	<b>BS-380</b> <sup>11</sup>	g/L	1.12	0.87	—	1.37	0.08	
		μmol/L	1.22	0.94	—	1.49	0.09		μmol/L	1.15	0.90	—	1.41	0.08	
	<b>BS-200</b> <sup>3</sup>	g/L	1.12	0.87	—	1.37	0.08	<b>BS-400</b> <sup>12</sup>	g/L	1.10	0.85	—	1.35	0.08	
		μmol/L	1.15	0.90	—	1.41	0.08		μmol/L	1.13	0.88	—	1.39	0.08	
	<b>BS-200E</b> <sup>4</sup>	g/L	1.16	0.90	—	1.42	0.09	<b>BS-430</b> <sup>13</sup>	g/L	1.12	0.87	—	1.37	0.08	
		μmol/L	1.19	0.93	—	1.46	0.09		μmol/L	1.15	0.90	—	1.41	0.08	
	<b>BS-230</b> <sup>5</sup>	g/L	1.16	0.90	—	1.42	0.09	<b>BS-480</b> <sup>14</sup>	g/L	1.14	0.88	—	1.40	0.09	
		μmol/L	1.19	0.93	—	1.46	0.09		μmol/L	1.17	0.91	—	1.44	0.09	
	<b>BS-240E</b> <sup>6</sup>	g/L	1.15	0.89	—	1.41	0.09	<b>BS-600</b> <sup>15</sup>	g/L	1.15	0.89	—	1.41	0.09	
		μmol/L	1.18	0.92	—	1.45	0.09		μmol/L	1.18	0.92	—	1.45	0.09	
	<b>BS-300</b> <sup>7</sup>	g/L	1.17	0.91	—	1.43	0.09	<b>BS-800</b> <sup>16</sup>	g/L	1.12	0.87	—	1.37	0.08	
		μmol/L	1.21	0.94	—	1.47	0.09		μmol/L	1.15	0.90	—	1.41	0.08	
	<b>BS-330</b> <sup>8</sup>	g/L	1.12	0.87	—	1.37	0.08	<b>BS-2000</b> <sup>17</sup>	g/L	1.13	0.88	—	1.38	0.08	
		μmol/L	1.15	0.90	—	1.41	0.08		μmol/L	1.16	0.91	—	1.42	0.08	
	<b>BS-330E</b> <sup>9</sup>	g/L	1.16	0.90	—	1.42	0.09	<b>BS-2800M</b> <sup>18</sup>	g/L	1.16	0.90	—	1.42	0.09	
		μmol/L	1.19	0.93	—	1.46	0.09		μmol/L	1.20	0.93	—	1.46	0.09	

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	245	190	—	300	18	<b>BS-360E</b> <sup>10</sup>	mg/L	240	186	—	294	18
		μmol/L	4.46	3.46	—	5.46	0.33		μmol/L	4.37	3.39	—	5.35	0.33
	<b>BS-180</b> <sup>2</sup>	mg/L	245	190	—	300	18	<b>BS-380</b> <sup>11</sup>	mg/L	241	187	—	295	18
		μmol/L	4.46	3.46	—	5.46	0.33		μmol/L	4.39	3.40	—	5.37	0.33
	<b>BS-200</b> <sup>3</sup>	mg/L	236	183	—	289	18	<b>BS-400</b> <sup>12</sup>	mg/L	239	185	—	293	18
		μmol/L	4.30	3.33	—	5.26	0.33		μmol/L	4.35	3.37	—	5.33	0.33
	<b>BS-200E</b> <sup>4</sup>	mg/L	237	184	—	290	18	<b>BS-430</b> <sup>13</sup>	mg/L	246	191	—	301	18
		μmol/L	4.31	3.35	—	5.28	0.33		μmol/L	4.48	3.48	—	5.48	0.33
	<b>BS-230</b> <sup>5</sup>	mg/L	241	187	—	295	18	<b>BS-480</b> <sup>14</sup>	mg/L	238	184	—	292	18
		μmol/L	4.39	3.40	—	5.37	0.33		μmol/L	4.33	3.35	—	5.31	0.33
	<b>BS-240E</b> <sup>6</sup>	mg/L	242	188	—	296	18	<b>BS-600</b> <sup>15</sup>	mg/L	241	187	—	295	18
		μmol/L	4.40	3.42	—	5.39	0.33		μmol/L	4.39	3.40	—	5.37	0.33
	<b>BS-300</b> <sup>7</sup>	mg/L	241	187	—	295	18	<b>BS-800</b> <sup>16</sup>	mg/L	239	185	—	293	18
		μmol/L	4.39	3.40	—	5.37	0.33		μmol/L	4.35	3.37	—	5.33	0.33
	<b>BS-330</b> <sup>8</sup>	mg/L	236	183	—	289	18	<b>BS-2000</b> <sup>17</sup>	mg/L	240	186	—	294	18
		μmol/L	4.30	3.33	—	5.26	0.33		μmol/L	4.37	3.39	—	5.35	0.33
	<b>BS-330E</b> <sup>9</sup>	mg/L	237	184	—	290	18	<b>BS-2800M</b> <sup>18</sup>	mg/L	242	188	—	296	18
		μmol/L	4.31	3.35	—	5.28	0.33		μmol/L	4.40	3.42	—	5.39	0.33
<b>LDH</b>	<b>BS-120</b> <sup>1</sup>	U/L	273	232	—	314	14	<b>BS-360E</b> <sup>10</sup>	U/L	275	234	—	316	14
		μkat/L	4.56	3.87	—	5.24	0.23		μkat/L	4.59	3.91	—	5.28	0.23
	<b>BS-180</b> <sup>2</sup>	U/L	273	232	—	314	14	<b>BS-380</b> <sup>11</sup>	U/L	278	236	—	320	14
		μkat/L	4.56	3.87	—	5.24	0.23		μkat/L	4.64	3.94	—	5.34	0.23
	<b>BS-200</b> <sup>3</sup>	U/L	270	230	—	311	14	<b>BS-400</b> <sup>12</sup>	U/L	282	240	—	324	14
		μkat/L	4.51	3.84	—	5.19	0.23		μkat/L	4.71	4.01	—	5.41	0.23
	<b>BS-200E</b> <sup>4</sup>	U/L	275	234	—	316	14	<b>BS-430</b> <sup>13</sup>	U/L	277	235	—	319	14
		μkat/L	4.59	3.91	—	5.28	0.23		μkat/L	4.63	3.92	—	5.33	0.23
	<b>BS-230</b> <sup>5</sup>	U/L	279	237	—	321	14	<b>BS-480</b> <sup>14</sup>	U/L	280	238	—	322	14
		μkat/L	4.66	3.96	—	5.36	0.23		μkat/L	4.68	3.97	—	5.38	0.23
	<b>BS-240E</b> <sup>6</sup>	U/L	274	233	—	315	14	<b>BS-600</b> <sup>15</sup>	U/L	283	241	—	325	14
		μkat/L	4.58	3.89	—	5.26	0.23		μkat/L	4.73	4.02	—	5.43	0.23
	<b>BS-300</b> <sup>7</sup>	U/L	277	235	—	319	14	<b>BS-800</b> <sup>16</sup>	U/L	276	235	—	317	14
		μkat/L	4.63	3.92	—	5.33	0.23		μkat/L	4.61	3.92	—	5.29	0.23
	<b>BS-330</b> <sup>8</sup>	U/L	270	230	—	311	14	<b>BS-2000</b> <sup>17</sup>	U/L	277	235	—	319	14
		μkat/L	4.51	3.84	—	5.19	0.23		μkat/L	4.63	3.92	—	5.33	0.23
	<b>BS-330E</b> <sup>9</sup>	U/L	275	234	—	316	14	<b>BS-2800M</b> <sup>18</sup>	U/L	279	237	—	321	14
		μkat/L	4.59	3.91	—	5.28	0.23		μkat/L	4.66	3.96	—	5.36	0.23
<b>Mg II</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	1.38	1.21	—	1.55	0.06	<b>BS-360E</b> <sup>10</sup>	mmol/L	1.38	1.21	—	1.55	0.06
		mg/dL	3.35	2.94	—	3.77	0.15		mg/dL	3.35	2.94	—	3.77	0.15
	<b>BS-180</b> <sup>2</sup>	mmol/L	1.38	1.21	—	1.55	0.06	<b>BS-380</b> <sup>11</sup>	mmol/L	1.42	1.25	—	1.59	0.06
		mg/dL	3.35	2.94	—	3.77	0.15		mg/dL	3.45	3.04	—	3.86	0.15
	<b>BS-200</b> <sup>3</sup>	mmol/L	1.39	1.22	—	1.56	0.06	<b>BS-400</b> <sup>12</sup>	mmol/L	1.42	1.25	—	1.59	0.06
		mg/dL	3.38	2.96	—	3.79	0.15		mg/dL	3.45	3.04	—	3.86	0.15
	<b>BS-200E</b> <sup>4</sup>	mmol/L	1.40	1.23	—	1.57	0.06	<b>BS-430</b> <sup>13</sup>	mmol/L	1.38	1.21	—	1.55	0.06
		mg/dL	3.40	2.99	—	3.82	0.15		mg/dL	3.35	2.94	—	3.77	0.15
	<b>BS-230</b> <sup>5</sup>	mmol/L	1.40	1.23	—	1.57	0.06	<b>BS-480</b> <sup>14</sup>	mmol/L	1.37	1.21	—	1.53	0.05
		mg/dL	3.40	2.99	—	3.82	0.15		mg/dL	3.33	2.94	—	3.72	0.12
	<b>BS-240E</b> <sup>6</sup>	mmol/L	1.36	1.20	—	1.52	0.05	<b>BS-600</b> <sup>15</sup>	mmol/L	1.37	1.21	—	1.53	0.05
		mg/dL	3.30	2.92	—	3.69	0.12		mg/dL	3.33	2.94	—	3.72	0.12
	<b>BS-300</b> <sup>7</sup>	mmol/L	1.42	1.25	—	1.59	0.06	<b>BS-800</b> <sup>16</sup>	mmol/L	1.38	1.21	—	1.55	0.06
		mg/dL	3.45	3.04	—	3.86	0.15		mg/dL	3.35	2.94	—	3.77	0.15
	<b>BS-330</b> <sup>8</sup>	mmol/L	1.39	1.22	—	1.56	0.06	<b>BS-2000</b> <sup>17</sup>	mmol/L	1.38	1.21	—	1.55	0.06
		mg/dL	3.38	2.96	—	3.79	0.15		mg/dL	3.35	2.94	—	3.77	0.15
	<b>BS-330E</b> <sup>9</sup>	mmol/L	1.40	1.23	—	1.57	0.06	<b>BS-2800M</b> <sup>18</sup>	mmol/L	1.40	1.23	—	1.57	0.06
		mg/dL	3.40	2.99	—	3.82	0.15		mg/dL	3.40	2.99	—	3.82	0.15

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)			1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)			1 SD
<b>P</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	2.43	2.07	—	2.79	0.12	<b>BS-360E</b> <sup>10</sup>	mmol/L	2.44	2.07	—	2.81	0.12
		mg/dL	7.53	6.42	—	8.65	0.37		mg/dL	7.56	6.42	—	8.71	0.37
	<b>BS-180</b> <sup>2</sup>	mmol/L	2.43	2.07	—	2.79	0.12	<b>BS-380</b> <sup>11</sup>	mmol/L	2.50	2.13	—	2.88	0.13
		mg/dL	7.53	6.42	—	8.65	0.37		mg/dL	7.75	6.60	—	8.93	0.40
	<b>BS-200</b> <sup>3</sup>	mmol/L	2.46	2.09	—	2.83	0.12	<b>BS-400</b> <sup>12</sup>	mmol/L	2.50	2.13	—	2.88	0.13
		mg/dL	7.63	6.48	—	8.77	0.37		mg/dL	7.75	6.60	—	8.93	0.40
	<b>BS-200E</b> <sup>4</sup>	mmol/L	2.45	2.08	—	2.82	0.12	<b>BS-430</b> <sup>13</sup>	mmol/L	2.52	2.14	—	2.90	0.13
		mg/dL	7.60	6.45	—	8.74	0.37		mg/dL	7.81	6.63	—	8.99	0.40
	<b>BS-230</b> <sup>5</sup>	mmol/L	2.44	2.07	—	2.81	0.12	<b>BS-480</b> <sup>14</sup>	mmol/L	2.46	2.09	—	2.83	0.12
		mg/dL	7.56	6.42	—	8.71	0.37		mg/dL	7.63	6.48	—	8.77	0.37
	<b>BS-240E</b> <sup>6</sup>	mmol/L	2.44	2.07	—	2.81	0.12	<b>BS-600</b> <sup>15</sup>	mmol/L	2.47	2.10	—	2.84	0.12
		mg/dL	7.56	6.42	—	8.71	0.37		mg/dL	7.66	6.51	—	8.80	0.37
	<b>BS-300</b> <sup>7</sup>	mmol/L	2.48	2.11	—	2.85	0.12	<b>BS-800</b> <sup>16</sup>	mmol/L	2.50	2.13	—	2.88	0.13
		mg/dL	7.69	6.54	—	8.84	0.37		mg/dL	7.75	6.60	—	8.93	0.40
	<b>BS-330</b> <sup>8</sup>	mmol/L	2.46	2.09	—	2.83	0.12	<b>BS-2000</b> <sup>17</sup>	mmol/L	2.49	2.12	—	2.86	0.12
		mg/dL	7.63	6.48	—	8.77	0.37		mg/dL	7.72	6.57	—	8.87	0.37
	<b>BS-330E</b> <sup>9</sup>	mmol/L	2.45	2.08	—	2.82	0.12	<b>BS-2800M</b> <sup>18</sup>	mmol/L	/	/	—	/	/
		mg/dL	7.60	6.45	—	8.74	0.37		mg/dL	/	/	—	/	/
<b>P II</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	2.48	2.11	—	2.85	0.12	<b>BS-360E</b> <sup>10</sup>	mmol/L	2.53	2.15	—	2.91	0.13
		mg/dL	7.69	6.54	—	8.84	0.37		mg/dL	7.84	6.67	—	9.02	0.40
	<b>BS-180</b> <sup>2</sup>	mmol/L	2.48	2.11	—	2.85	0.12	<b>BS-380</b> <sup>11</sup>	mmol/L	2.55	2.17	—	2.93	0.13
		mg/dL	7.69	6.54	—	8.84	0.37		mg/dL	7.91	6.73	—	9.08	0.40
	<b>BS-200</b> <sup>3</sup>	mmol/L	2.47	2.10	—	2.84	0.12	<b>BS-400</b> <sup>12</sup>	mmol/L	2.53	2.15	—	2.91	0.13
		mg/dL	7.66	6.51	—	8.80	0.37		mg/dL	7.84	6.67	—	9.02	0.40
	<b>BS-200E</b> <sup>4</sup>	mmol/L	2.55	2.17	—	2.93	0.13	<b>BS-430</b> <sup>13</sup>	mmol/L	2.56	2.18	—	2.94	0.13
		mg/dL	7.91	6.73	—	9.08	0.40		mg/dL	7.94	6.76	—	9.11	0.40
	<b>BS-230</b> <sup>5</sup>	mmol/L	2.53	2.15	—	2.91	0.13	<b>BS-480</b> <sup>14</sup>	mmol/L	2.54	2.16	—	2.92	0.13
		mg/dL	7.84	6.67	—	9.02	0.40		mg/dL	7.87	6.70	—	9.05	0.40
	<b>BS-240E</b> <sup>6</sup>	mmol/L	2.53	2.15	—	2.91	0.13	<b>BS-600</b> <sup>15</sup>	mmol/L	2.54	2.16	—	2.92	0.13
		mg/dL	7.84	6.67	—	9.02	0.40		mg/dL	7.87	6.70	—	9.05	0.40
	<b>BS-300</b> <sup>7</sup>	mmol/L	2.51	2.13	—	2.89	0.13	<b>BS-800</b> <sup>16</sup>	mmol/L	2.54	2.16	—	2.92	0.13
		mg/dL	7.78	6.60	—	8.96	0.40		mg/dL	7.87	6.70	—	9.05	0.40
	<b>BS-330</b> <sup>8</sup>	mmol/L	2.47	2.10	—	2.84	0.12	<b>BS-2000</b> <sup>17</sup>	mmol/L	2.52	2.14	—	2.90	0.13
		mg/dL	7.66	6.51	—	8.80	0.37		mg/dL	7.81	6.63	—	8.99	0.40
	<b>BS-330E</b> <sup>9</sup>	mmol/L	2.55	2.17	—	2.93	0.13	<b>BS-2800M</b> <sup>18</sup>	mmol/L	2.55	2.17	—	2.93	0.13
		mg/dL	7.91	6.73	—	9.08	0.40		mg/dL	7.91	6.73	—	9.08	0.40
<b>TP</b>	<b>BS-120</b> <sup>1</sup>	g/L	83.0	70.6	—	95.5	4.2	<b>BS-360E</b> <sup>10</sup>	g/L	85.0	72.3	—	97.8	4.3
	<b>BS-180</b> <sup>2</sup>	g/L	83.0	70.6	—	95.5	4.2	<b>BS-380</b> <sup>11</sup>	g/L	84.1	71.5	—	96.7	4.2
	<b>BS-200</b> <sup>3</sup>	g/L	83.2	70.7	—	95.7	4.2	<b>BS-400</b> <sup>12</sup>	g/L	84.7	72.0	—	97.4	4.2
	<b>BS-200E</b> <sup>4</sup>	g/L	83.9	71.3	—	96.5	4.2	<b>BS-430</b> <sup>13</sup>	g/L	84.4	71.7	—	97.1	4.2
	<b>BS-230</b> <sup>5</sup>	g/L	83.7	71.1	—	96.3	4.2	<b>BS-480</b> <sup>14</sup>	g/L	84.5	71.8	—	97.2	4.2
	<b>BS-240E</b> <sup>6</sup>	g/L	82.5	70.1	—	94.9	4.1	<b>BS-600</b> <sup>15</sup>	g/L	84.4	71.7	—	97.1	4.2
	<b>BS-300</b> <sup>7</sup>	g/L	84.0	71.4	—	96.6	4.2	<b>BS-800</b> <sup>16</sup>	g/L	84.4	71.7	—	97.1	4.2
	<b>BS-330</b> <sup>8</sup>	g/L	83.2	70.7	—	95.7	4.2	<b>BS-2000</b> <sup>17</sup>	g/L	84.7	72.0	—	97.4	4.2
	<b>BS-330E</b> <sup>9</sup>	g/L	83.9	71.3	—	96.5	4.2	<b>BS-2800M</b> <sup>18</sup>	g/L	/	/	—	/	/
<b>TP II</b>	<b>BS-120</b> <sup>1</sup>	g/L	81.1	68.9	—	93.3	4.1	<b>BS-360E</b> <sup>10</sup>	g/L	82.6	70.2	—	95.0	4.1
	<b>BS-180</b> <sup>2</sup>	g/L	81.1	68.9	—	93.3	4.1	<b>BS-380</b> <sup>11</sup>	g/L	81.7	69.4	—	94.0	4.1
	<b>BS-200</b> <sup>3</sup>	g/L	81.1	68.9	—	93.3	4.1	<b>BS-400</b> <sup>12</sup>	g/L	81.7	69.4	—	94.0	4.1
	<b>BS-200E</b> <sup>4</sup>	g/L	80.9	68.8	—	93.0	4.0	<b>BS-430</b> <sup>13</sup>	g/L	83.1	70.6	—	95.6	4.2
	<b>BS-230</b> <sup>5</sup>	g/L	82.6	70.2	—	95.0	4.1	<b>BS-480</b> <sup>14</sup>	g/L	81.3	69.1	—	93.5	4.1
	<b>BS-240E</b> <sup>6</sup>	g/L	81.8	69.5	—	94.1	4.1	<b>BS-600</b> <sup>15</sup>	g/L	83.1	70.6	—	95.6	4.2
	<b>BS-300</b> <sup>7</sup>	g/L	82.7	70.3	—	95.1	4.1	<b>BS-800</b> <sup>16</sup>	g/L	83.1	70.6	—	95.6	4.2
	<b>BS-330</b> <sup>8</sup>	g/L	81.1	68.9	—	93.3	4.1	<b>BS-2000</b> <sup>17</sup>	g/L	83.0	70.6	—	95.5	4.2
	<b>BS-330E</b> <sup>9</sup>	g/L	80.9	68.8	—	93.0	4.0	<b>BS-2800M</b> <sup>18</sup>	g/L	83.5	71.0	—	96.0	4.2

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>TG</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	2.30	1.99	—	2.61	0.10	<b>BS-360E</b> <sup>10</sup>	mmol/L	2.38	2.06	—	2.70	0.11
		mg/dL	204	176	—	231	9		mg/dL	211	182	—	239	10
	<b>BS-180</b> <sup>2</sup>	mmol/L	2.30	1.99	—	2.61	0.10	<b>BS-380</b> <sup>11</sup>	mmol/L	2.35	2.03	—	2.67	0.11
		mg/dL	204	176	—	231	9		mg/dL	208	180	—	236	10
	<b>BS-200</b> <sup>3</sup>	mmol/L	2.33	2.02	—	2.64	0.10	<b>BS-400</b> <sup>12</sup>	mmol/L	2.33	2.02	—	2.64	0.10
		mg/dL	206	179	—	234	9		mg/dL	206	179	—	234	9
	<b>BS-200E</b> <sup>4</sup>	mmol/L	2.35	2.03	—	2.67	0.11	<b>BS-430</b> <sup>13</sup>	mmol/L	2.38	2.06	—	2.70	0.11
		mg/dL	208	180	—	236	10		mg/dL	211	182	—	239	10
	<b>BS-230</b> <sup>5</sup>	mmol/L	2.34	2.02	—	2.66	0.11	<b>BS-480</b> <sup>14</sup>	mmol/L	2.31	2.00	—	2.62	0.10
		mg/dL	207	179	—	235	10		mg/dL	204	177	—	232	9
	<b>BS-240E</b> <sup>6</sup>	mmol/L	2.35	2.03	—	2.67	0.11	<b>BS-600</b> <sup>15</sup>	mmol/L	2.37	2.05	—	2.69	0.11
		mg/dL	208	180	—	236	10		mg/dL	210	181	—	238	10
	<b>BS-300</b> <sup>7</sup>	mmol/L	2.34	2.02	—	2.66	0.11	<b>BS-800</b> <sup>16</sup>	mmol/L	2.40	2.08	—	2.72	0.11
		mg/dL	207	179	—	235	10		mg/dL	212	184	—	241	10
	<b>BS-330</b> <sup>8</sup>	mmol/L	2.33	2.02	—	2.64	0.10	<b>BS-2000</b> <sup>17</sup>	mmol/L	2.39	2.07	—	2.71	0.11
		mg/dL	206	179	—	234	9		mg/dL	212	183	—	240	10
	<b>BS-330E</b> <sup>9</sup>	mmol/L	2.35	2.03	—	2.67	0.11	<b>BS-2800M</b> <sup>18</sup>	mmol/L	2.43	2.10	—	2.76	0.11
		mg/dL	208	180	—	236	10		mg/dL	215	186	—	244	10
<b>UA</b>	<b>BS-120</b> <sup>1</sup>	μmol/L	630	545	—	715	28	<b>BS-360E</b> <sup>10</sup>	μmol/L	640	554	—	726	29
		mg/dL	10.6	9.2	—	12.0	0.5		mg/dL	10.8	9.3	—	12.2	0.5
	<b>BS-180</b> <sup>2</sup>	μmol/L	630	545	—	715	28	<b>BS-380</b> <sup>11</sup>	μmol/L	646	559	—	733	29
		mg/dL	10.6	9.2	—	12.0	0.5		mg/dL	10.9	9.4	—	12.3	0.5
	<b>BS-200</b> <sup>3</sup>	μmol/L	620	536	—	704	28	<b>BS-400</b> <sup>12</sup>	μmol/L	646	559	—	733	29
		mg/dL	10.4	9.0	—	11.8	0.5		mg/dL	10.9	9.4	—	12.3	0.5
	<b>BS-200E</b> <sup>4</sup>	μmol/L	646	559	—	733	29	<b>BS-430</b> <sup>13</sup>	μmol/L	647	560	—	734	29
		mg/dL	10.9	9.4	—	12.3	0.5		mg/dL	10.9	9.4	—	12.3	0.5
	<b>BS-230</b> <sup>5</sup>	μmol/L	638	552	—	724	29	<b>BS-480</b> <sup>14</sup>	μmol/L	647	560	—	734	29
		mg/dL	10.7	9.3	—	12.2	0.5		mg/dL	10.9	9.4	—	12.3	0.5
	<b>BS-240E</b> <sup>6</sup>	μmol/L	647	560	—	734	29	<b>BS-600</b> <sup>15</sup>	μmol/L	647	560	—	734	29
		mg/dL	10.9	9.4	—	12.3	0.5		mg/dL	10.9	9.4	—	12.3	0.5
	<b>BS-300</b> <sup>7</sup>	μmol/L	646	559	—	733	29	<b>BS-800</b> <sup>16</sup>	μmol/L	647	560	—	734	29
		mg/dL	10.9	9.4	—	12.3	0.5		mg/dL	10.9	9.4	—	12.3	0.5
	<b>BS-330</b> <sup>8</sup>	μmol/L	620	536	—	704	28	<b>BS-2000</b> <sup>17</sup>	μmol/L	651	563	—	739	29
		mg/dL	10.4	9.0	—	11.8	0.5		mg/dL	10.9	9.5	—	12.4	0.5
	<b>BS-330E</b> <sup>9</sup>	μmol/L	646	559	—	733	29	<b>BS-2800M</b> <sup>18</sup>	μmol/L	656	567	—	745	30
		mg/dL	10.9	9.4	—	12.3	0.5		mg/dL	11.0	9.5	—	12.5	0.5
<b>Urea</b>	<b>BS-120</b> <sup>1</sup>	mmol/L	20.4	17.3	—	23.5	1.0	<b>BS-360E</b> <sup>10</sup>	mmol/L	21.5	18.3	—	24.7	1.1
		mg/dL	123	104	—	141	6		mg/dL	129	110	—	148	7
	<b>BS-180</b> <sup>2</sup>	mmol/L	20.4	17.3	—	23.5	1.0	<b>BS-380</b> <sup>11</sup>	mmol/L	20.9	17.8	—	24.0	1.0
		mg/dL	123	104	—	141	6		mg/dL	126	107	—	144	6
	<b>BS-200</b> <sup>3</sup>	mmol/L	20.4	17.3	—	23.5	1.0	<b>BS-400</b> <sup>12</sup>	mmol/L	20.9	17.8	—	24.0	1.0
		mg/dL	123	104	—	141	6		mg/dL	126	107	—	144	6
	<b>BS-200E</b> <sup>4</sup>	mmol/L	21.2	18.0	—	24.4	1.1	<b>BS-430</b> <sup>13</sup>	mmol/L	21.5	18.3	—	24.7	1.1
		mg/dL	127	108	—	147	7		mg/dL	129	110	—	148	7
	<b>BS-230</b> <sup>5</sup>	mmol/L	21.1	17.9	—	24.3	1.1	<b>BS-480</b> <sup>14</sup>	mmol/L	20.9	17.8	—	24.0	1.0
		mg/dL	127	108	—	146	7		mg/dL	126	107	—	144	6
	<b>BS-240E</b> <sup>6</sup>	mmol/L	20.9	17.8	—	24.0	1.0	<b>BS-600</b> <sup>15</sup>	mmol/L	21.5	18.3	—	24.7	1.1
		mg/dL	126	107	—	144	6		mg/dL	129	110	—	148	7
	<b>BS-300</b> <sup>7</sup>	mmol/L	20.9	17.8	—	24.0	1.0	<b>BS-800</b> <sup>16</sup>	mmol/L	21.5	18.3	—	24.7	1.1
		mg/dL	126	107	—	144	6		mg/dL	129	110	—	148	7
	<b>BS-330</b> <sup>8</sup>	mmol/L	20.4	17.3	—	23.5	1.0	<b>BS-2000</b> <sup>17</sup>	mmol/L	21.0	17.9	—	24.2	1.1
		mg/dL	123	104	—	141	6		mg/dL	126	108	—	145	7
	<b>BS-330E</b> <sup>9</sup>	mmol/L	21.2	18.0	—	24.4	1.1	<b>BS-2800M</b> <sup>18</sup>	mmol/L	20.6	17.5	—	23.7	1.0
		mg/dL	127	108	—	147	7		mg/dL	124	105	—	142	6

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD			
<b>LIP</b>	<b>BS-120</b> <sup>1</sup>	U/L	90.7	72.5	—	108.9	6.1	<b>BS-360E</b> <sup>10</sup>	U/L	91.5	73.1	—	109.9	6.1	
		μkat/L	1.51	1.21	—	1.82	0.10		μkat/L	1.53	1.22	—	1.84	0.10	
	<b>BS-180</b> <sup>2</sup>	U/L	/	/	—	/	/	<b>BS-380</b> <sup>11</sup>	U/L	93.2	74.5	—	111.9	6.2	
		μkat/L	/	/	—	/	/		μkat/L	1.56	1.24	—	1.87	0.10	
	<b>BS-200</b> <sup>3</sup>	U/L	89.1	71.2	—	107.0	6.0	<b>BS-400</b> <sup>12</sup>	U/L	93.2	74.5	—	111.9	6.2	
		μkat/L	1.49	1.19	—	1.79	0.10		μkat/L	1.56	1.24	—	1.87	0.10	
	<b>BS-200E</b> <sup>4</sup>	U/L	93.9	75.0	—	112.8	6.3	<b>BS-430</b> <sup>13</sup>	U/L	92.6	74.0	—	111.2	6.2	
		μkat/L	1.57	1.25	—	1.88	0.11		μkat/L	1.55	1.24	—	1.86	0.10	
	<b>BS-230</b> <sup>5</sup>	U/L	89.7	71.7	—	107.7	6.0	<b>BS-480</b> <sup>14</sup>	U/L	92.8	74.1	—	111.5	6.2	
		μkat/L	1.50	1.20	—	1.80	0.10		μkat/L	1.55	1.24	—	1.86	0.10	
	<b>BS-240E</b> <sup>6</sup>	U/L	91.2	72.9	—	109.5	6.1	<b>BS-600</b> <sup>15</sup>	U/L	93.2	74.5	—	111.9	6.2	
		μkat/L	1.52	1.22	—	1.83	0.10		μkat/L	1.56	1.24	—	1.87	0.10	
	<b>BS-300</b> <sup>7</sup>	U/L	91.0	72.7	—	109.3	6.1	<b>BS-800</b> <sup>16</sup>	U/L	93.2	74.5	—	111.9	6.2	
		μkat/L	1.52	1.21	—	1.83	0.10		μkat/L	1.56	1.24	—	1.87	0.10	
	<b>BS-330</b> <sup>8</sup>	U/L	/	/	—	/	/	<b>BS-2000</b> <sup>17</sup>	U/L	93.2	74.5	—	111.9	6.2	
		μkat/L	/	/	—	/	/		μkat/L	1.56	1.24	—	1.87	0.10	
	<b>BS-330E</b> <sup>9</sup>	U/L	93.9	75.0	—	112.8	6.3	<b>BS-2800M</b> <sup>18</sup>	U/L	93.3	74.5	—	112.1	6.3	
		μkat/L	1.57	1.25	—	1.88	0.11		μkat/L	1.56	1.24	—	1.87	0.11	
<b>CHE</b>	<b>BS-200</b> <sup>3</sup>	U/L	8997	7189	—	10805	603	<b>BS-380</b> <sup>11</sup>	U/L	9282	7416	—	11148	622	
		μkat/L	150	120	—	180	10		μkat/L	155	124	—	186	10	
	<b>BS-200E</b> <sup>4</sup>	U/L	8979	7174	—	10784	602	<b>BS-400</b> <sup>12</sup>	U/L	9282	7416	—	11148	622	
		μkat/L	150	120	—	180	10		μkat/L	155	124	—	186	10	
	<b>BS-230</b> <sup>5</sup>	U/L	9087	7261	—	10913	609	<b>BS-430</b> <sup>13</sup>	U/L	9169	7326	—	11012	614	
		μkat/L	152	121	—	182	10		μkat/L	153	122	—	184	10	
	<b>BS-240E</b> <sup>6</sup>	U/L	9149	7310	—	10988	613	<b>BS-480</b> <sup>14</sup>	U/L	9289	7422	—	11156	622	
		μkat/L	153	122	—	183	10		μkat/L	155	124	—	186	10	
	<b>BS-300</b> <sup>7</sup>	U/L	8960	7159	—	10761	600	<b>BS-600</b> <sup>15</sup>	U/L	9169	7326	—	11012	614	
		μkat/L	150	120	—	180	10		μkat/L	153	122	—	184	10	
	<b>BS-330</b> <sup>8</sup>	U/L	/	/	—	/	/	<b>BS-800</b> <sup>16</sup>	U/L	9169	7326	—	11012	614	
		μkat/L	/	/	—	/	/		μkat/L	153	122	—	184	10	
	<b>BS-330E</b> <sup>9</sup>	U/L	8979	7174	—	10784	602	<b>BS-2000</b> <sup>17</sup>	U/L	9071	7248	—	10894	608	
		μkat/L	150	120	—	180	10		μkat/L	151	121	—	182	10	
	<b>BS-360E</b> <sup>10</sup>	U/L	9290	7423	—	11157	622	<b>BS-2800M</b> <sup>18</sup>	U/L	9143	7305	—	10981	613	
		μkat/L	155	124	—	186	10		μkat/L	153	122	—	183	10	
	<b>Fe</b>	<b>BS-120</b> <sup>1</sup>	μmol/L	43.9	35.1	—	52.7	2.9	<b>BS-360E</b> <sup>10</sup>	μmol/L	44.9	35.9	—	53.9	3.0
			mg/L	2.46	1.97	—	2.95	0.16		mg/L	2.51	2.01	—	3.02	0.17
<b>BS-180</b> <sup>2</sup>		μmol/L	43.9	35.1	—	52.7	2.9	<b>BS-380</b> <sup>11</sup>	μmol/L	44.7	35.7	—	53.7	3.0	
		mg/L	2.46	1.97	—	2.95	0.16		mg/L	2.50	2.00	—	3.01	0.17	
<b>BS-200</b> <sup>3</sup>		μmol/L	43.9	35.1	—	52.7	2.9	<b>BS-400</b> <sup>12</sup>	μmol/L	44.1	35.2	—	53.0	3.0	
		mg/L	2.46	1.97	—	2.95	0.16		mg/L	2.47	1.97	—	2.97	0.17	
<b>BS-200E</b> <sup>4</sup>		μmol/L	44.4	35.5	—	53.3	3.0	<b>BS-430</b> <sup>13</sup>	μmol/L	44.1	35.2	—	53.0	3.0	
		mg/L	2.49	1.99	—	2.98	0.17		mg/L	2.47	1.97	—	2.97	0.17	
<b>BS-230</b> <sup>5</sup>		μmol/L	43.5	34.8	—	52.2	2.9	<b>BS-480</b> <sup>14</sup>	μmol/L	44.1	35.2	—	53.0	3.0	
		mg/L	2.44	1.95	—	2.92	0.16		mg/L	2.47	1.97	—	2.97	0.17	
<b>BS-240E</b> <sup>6</sup>		μmol/L	43.8	35.0	—	52.6	2.9	<b>BS-600</b> <sup>15</sup>	μmol/L	44.3	35.4	—	53.2	3.0	
		mg/L	2.45	1.96	—	2.95	0.16		mg/L	2.48	1.98	—	2.98	0.17	
<b>BS-300</b> <sup>7</sup>		μmol/L	44.2	35.3	—	53.1	3.0	<b>BS-800</b> <sup>16</sup>	μmol/L	44.4	35.5	—	53.3	3.0	
		mg/L	2.48	1.98	—	2.97	0.17		mg/L	2.49	1.99	—	2.98	0.17	
<b>BS-330</b> <sup>8</sup>		μmol/L	43.9	35.1	—	52.7	2.9	<b>BS-2000</b> <sup>17</sup>	μmol/L	44.3	35.4	—	53.2	3.0	
		mg/L	2.46	1.97	—	2.95	0.16		mg/L	2.48	1.98	—	2.98	0.17	
<b>BS-330E</b> <sup>9</sup>		μmol/L	44.4	35.5	—	53.3	3.0	<b>BS-2800M</b> <sup>18</sup>	μmol/L	43.9	35.1	—	52.7	2.9	
		mg/L	2.49	1.99	—	2.98	0.17		mg/L	2.46	1.97	—	2.95	0.16	



Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
<b>UIBC</b>	<b>BS-230</b> <sup>5</sup>	μmol/L	37.7	30.1	—	45.3	2.5	<b>BS-480</b> <sup>14</sup>	μmol/L	38.7	30.9	—	46.5	2.6
		μg/dL	211	168	—	253	14		μg/dL	216	173	—	260	15
	<b>BS-240E</b> <sup>6</sup>	μmol/L	39.1	31.2	—	47.0	2.6	<b>BS-600</b> <sup>15</sup>	μmol/L	36.6	29.2	—	44.0	2.5
		μg/dL	219	174	—	263	15		μg/dL	205	163	—	246	14
	<b>BS-360E</b> <sup>10</sup>	μmol/L	38.1	30.4	—	45.8	2.6	<b>BS-800</b> <sup>16</sup>	μmol/L	36.6	29.2	—	44.0	2.5
		μg/dL	213	170	—	256	15		μg/dL	205	163	—	246	14
	<b>BS-380</b> <sup>11</sup>	μmol/L	39.5	31.6	—	47.4	2.6	<b>BS-2000</b> <sup>17</sup>	μmol/L	35.8	28.6	—	43.0	2.4
		μg/dL	221	177	—	265	15		μg/dL	200	160	—	240	13
	<b>BS-400</b> <sup>12</sup>	μmol/L	39.5	31.6	—	47.4	2.6	<b>BS-2800M</b> <sup>18</sup>	μmol/L	36.9	29.5	—	44.3	2.5
		μg/dL	221	177	—	265	15		μg/dL	206	165	—	248	14
	<b>BS-430</b> <sup>13</sup>	μmol/L	36.6	29.2	—	44.0	2.5							
		μg/dL	205	163	—	246	14							
<b>ASOII</b>	<b>BS-200E</b> <sup>4</sup>	IU/mL	273	177	—	369	32	<b>BS-430</b> <sup>13</sup>	IU/mL	277	180	—	374	32
	<b>BS-230</b> <sup>5</sup>	IU/mL	281	182	—	380	33	<b>BS-480</b> <sup>14</sup>	IU/mL	277	180	—	374	32
	<b>BS-240E</b> <sup>6</sup>	IU/mL	277	180	—	374	32	<b>BS-600</b> <sup>15</sup>	IU/mL	277	180	—	374	32
	<b>BS-360E</b> <sup>10</sup>	IU/mL	277	180	—	374	32	<b>BS-800</b> <sup>16</sup>	IU/mL	277	180	—	374	32
	<b>BS-380</b> <sup>11</sup>	IU/mL	273	177	—	369	32	<b>BS-2000</b> <sup>17</sup>	IU/mL	272	177	—	367	32
	<b>BS-400</b> <sup>12</sup>	IU/mL	273	177	—	369	32	<b>BS-2800M</b> <sup>18</sup>	IU/mL	262	170	—	354	31
<b>FER</b>	<b>BS-200E</b> <sup>4</sup>	ng/mL	193	164	—	222	10	<b>BS-430</b> <sup>13</sup>	ng/mL	192	163	—	221	10
		pmol/L	434	369	—	499	22		pmol/L	431	366	—	497	22
	<b>BS-230</b> <sup>5</sup>	ng/mL	189	161	—	217	9	<b>BS-480</b> <sup>14</sup>	ng/mL	192	163	—	221	10
		pmol/L	425	362	—	488	20		pmol/L	431	366	—	497	22
	<b>BS-240E</b> <sup>6</sup>	ng/mL	192	163	—	221	10	<b>BS-600</b> <sup>15</sup>	ng/mL	192	163	—	221	10
		pmol/L	431	366	—	497	22		pmol/L	431	366	—	497	22
	<b>BS-360E</b> <sup>10</sup>	ng/mL	192	163	—	221	10	<b>BS-800</b> <sup>16</sup>	ng/mL	192	163	—	221	10
		pmol/L	431	366	—	497	22		pmol/L	431	366	—	497	22
	<b>BS-380</b> <sup>11</sup>	ng/mL	193	164	—	222	10	<b>BS-2000</b> <sup>17</sup>	ng/mL	189	161	—	217	9
		pmol/L	434	369	—	499	22		pmol/L	425	362	—	488	20
	<b>BS-400</b> <sup>12</sup>	ng/mL	193	164	—	222	10	<b>BS-2800M</b> <sup>18</sup>	ng/mL	192	163	—	221	10
		pmol/L	434	369	—	499	22		pmol/L	431	366	—	497	22
<b>HS-CRP</b> (Remark 5: The target value of HS- CRP in BS- 240 is only applicable to BS-240)	<b>BS-120</b> <sup>1</sup>	mg/L	/	/	—	/	/	<b>BS-360E</b> <sup>10</sup>	mg/L	58.1	40.7	—	75.5	5.8
		nmol/L	/	/	—	/	/		nmol/L	553	387	—	719	55
	<b>BS-180</b> <sup>2</sup>	mg/L	/	/	—	/	/	<b>BS-380</b> <sup>11</sup>	mg/L	57.8	40.5	—	75.1	5.8
		nmol/L	/	/	—	/	/		nmol/L	550	386	—	715	55
	<b>BS-200</b> <sup>3</sup>	mg/L	/	/	—	/	/	<b>BS-400</b> <sup>12</sup>	mg/L	58.3	40.8	—	75.8	5.8
		nmol/L	/	/	—	/	/		nmol/L	555	388	—	722	55
	<b>BS-200E</b> <sup>4</sup>	mg/L	58.3	40.8	—	75.8	5.8	<b>BS-430</b> <sup>13</sup>	mg/L	58.0	40.6	—	75.4	5.8
		nmol/L	555	388	—	722	55		nmol/L	552	387	—	718	55
	<b>BS-240</b> <sup>5</sup>	mg/L	56.7	39.7	—	73.7	5.7	<b>BS-480</b> <sup>14</sup>	mg/L	58.1	40.7	—	75.5	5.8
		nmol/L	540	378	—	702	54		nmol/L	553	387	—	719	55
	<b>BS-240E</b> <sup>6</sup>	mg/L	56.7	39.7	—	73.7	5.7	<b>BS-600</b> <sup>15</sup>	mg/L	58.1	40.7	—	75.5	5.8
		nmol/L	540	378	—	702	54		nmol/L	553	387	—	719	55
	<b>BS-300</b> <sup>7</sup>	mg/L	57.8	40.5	—	75.1	5.8	<b>BS-800</b> <sup>16</sup>	mg/L	58.1	40.7	—	75.5	5.8
		nmol/L	550	386	—	715	55		nmol/L	553	387	—	719	55
	<b>BS-330</b> <sup>8</sup>	mg/L	/	/	—	/	/	<b>BS-2000</b> <sup>17</sup>	mg/L	58.8	41.2	—	76.4	5.9
		nmol/L	/	/	—	/	/		nmol/L	560	392	—	727	56
	<b>BS-330E</b> <sup>9</sup>	mg/L	58.3	40.8	—	75.8	5.8	<b>BS-2800M</b> <sup>18</sup>	mg/L	57.9	40.5	—	75.3	5.8
		nmol/L	555	388	—	722	55		nmol/L	551	386	—	717	55

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
TRF	BS-120 <sup>1</sup>	g/L	3.21	2.73	—	3.69	0.16	BS-400 <sup>12</sup>	g/L	3.28	2.79	—	3.77	0.16
		μmol/L	40.4	34.4	—	46.5	2.0		μmol/L	41.3	35.2	—	47.5	2.0
	BS-180 <sup>2</sup>	g/L	/	/	—	/	/	BS-430 <sup>13</sup>	g/L	3.35	2.85	—	3.85	0.17
		μmol/L	/	/	—	/	/		μmol/L	42.2	35.9	—	48.5	2.1
	BS-200 <sup>3</sup>	g/L	3.19	2.71	—	3.67	0.16	BS-480 <sup>14</sup>	g/L	3.26	2.77	—	3.75	0.16
		μmol/L	40.2	34.1	—	46.2	2.0		μmol/L	41.1	34.9	—	47.3	2.0
	BS-200E <sup>4</sup>	g/L	3.28	2.79	—	3.77	0.16	BS-600 <sup>15</sup>	g/L	3.26	2.77	—	3.75	0.16
		μmol/L	41.3	35.2	—	47.5	2.0		μmol/L	41.1	34.9	—	47.3	2.0
	BS-230 <sup>5</sup>	g/L	3.28	2.79	—	3.77	0.16	BS-800 <sup>16</sup>	g/L	3.26	2.77	—	3.75	0.16
		μmol/L	41.3	35.2	—	47.5	2.0		μmol/L	41.1	34.9	—	47.3	2.0
	BS-240E <sup>6</sup>	g/L	3.24	2.75	—	3.73	0.16	BS-2000 <sup>17</sup>	g/L	3.26	2.77	—	3.75	0.16
		μmol/L	40.8	34.7	—	47.0	2.0		μmol/L	41.1	34.9	—	47.3	2.0
	BS-360E <sup>10</sup>	g/L	3.22	2.74	—	3.70	0.16	BS-2800M <sup>18</sup>	g/L	3.28	2.79	—	3.77	0.16
		μmol/L	40.6	34.5	—	46.6	2.0		μmol/L	41.3	35.2	—	47.5	2.0
	BS-380 <sup>11</sup>	g/L	3.28	2.79	—	3.77	0.16							
		μmol/L	41.3	35.2	—	47.5	2.0							
Na <sup>+</sup>	BS-120 <sup>1</sup>	mmol/L	152	137	—	167	5	BS-360E <sup>10</sup>	mmol/L	152	137	—	167	5
	BS-180 <sup>2</sup>	mmol/L	152	137	—	167	5	BS-380 <sup>11</sup>	mmol/L	152	137	—	167	5
	BS-200 <sup>3</sup>	mmol/L	152	137	—	167	5	BS-400 <sup>12</sup>	mmol/L	152	137	—	167	5
	BS-200E <sup>4</sup>	mmol/L	152	137	—	167	5	BS-430 <sup>13</sup>	mmol/L	149	134	—	164	5
	BS-230 <sup>5</sup>	mmol/L	152	137	—	167	5	BS-480 <sup>14</sup>	mmol/L	150	135	—	165	5
	BS-240E <sup>6</sup>	mmol/L	145	131	—	159	5	BS-600 <sup>15</sup>	mmol/L	152	137	—	167	5
	BS-300 <sup>7</sup>	mmol/L	152	137	—	167	5	BS-800 <sup>16</sup>	mmol/L	134	121	—	147	4
	BS-330 <sup>8</sup>	mmol/L	152	137	—	167	5	BS-2000 <sup>17</sup>	mmol/L	134	121	—	147	4
	BS-330E <sup>9</sup>	mmol/L	152	137	—	167	5	BS-2800M <sup>18</sup>	mmol/L	134	121	—	147	4
K <sup>+</sup>	BS-120 <sup>1</sup>	mmol/L	7.67	6.91	—	8.43	0.25	BS-360E <sup>10</sup>	mmol/L	7.67	6.91	—	8.43	0.25
	BS-180 <sup>2</sup>	mmol/L	7.67	6.91	—	8.43	0.25	BS-380 <sup>11</sup>	mmol/L	7.67	6.91	—	8.43	0.25
	BS-200 <sup>3</sup>	mmol/L	7.67	6.91	—	8.43	0.25	BS-400 <sup>12</sup>	mmol/L	7.67	6.91	—	8.43	0.25
	BS-200E <sup>4</sup>	mmol/L	7.67	6.91	—	8.43	0.25	BS-430 <sup>13</sup>	mmol/L	7.47	6.73	—	8.21	0.25
	BS-230 <sup>5</sup>	mmol/L	7.67	6.91	—	8.43	0.25	BS-480 <sup>14</sup>	mmol/L	7.62	6.87	—	8.37	0.25
	BS-240E <sup>6</sup>	mmol/L	7.26	6.54	—	7.98	0.24	BS-600 <sup>15</sup>	mmol/L	7.67	6.91	—	8.43	0.25
	BS-300 <sup>7</sup>	mmol/L	7.67	6.91	—	8.43	0.25	BS-800 <sup>16</sup>	mmol/L	6.89	6.21	—	7.57	0.23
	BS-330 <sup>8</sup>	mmol/L	7.67	6.91	—	8.43	0.25	BS-2000 <sup>17</sup>	mmol/L	6.89	6.21	—	7.57	0.23
	BS-330E <sup>9</sup>	mmol/L	7.67	6.91	—	8.43	0.25	BS-2800M <sup>18</sup>	mmol/L	6.90	6.22	—	7.58	0.23
Cl <sup>-</sup>	BS-120 <sup>1</sup>	mmol/L	111	100	—	122	4	BS-360E <sup>10</sup>	mmol/L	111	100	—	122	4
	BS-180 <sup>2</sup>	mmol/L	111	100	—	122	4	BS-380 <sup>11</sup>	mmol/L	111	100	—	122	4
	BS-200 <sup>3</sup>	mmol/L	111	100	—	122	4	BS-400 <sup>12</sup>	mmol/L	111	100	—	122	4
	BS-200E <sup>4</sup>	mmol/L	111	100	—	122	4	BS-430 <sup>13</sup>	mmol/L	112	101	—	123	4
	BS-230 <sup>5</sup>	mmol/L	111	100	—	122	4	BS-480 <sup>14</sup>	mmol/L	111	100	—	122	4
	BS-240E <sup>6</sup>	mmol/L	111	100	—	122	4	BS-600 <sup>15</sup>	mmol/L	111	100	—	122	4
	BS-300 <sup>7</sup>	mmol/L	111	100	—	122	4	BS-800 <sup>16</sup>	mmol/L	108	97	—	119	4
	BS-330 <sup>8</sup>	mmol/L	111	100	—	122	4	BS-2000 <sup>17</sup>	mmol/L	108	97	—	119	4
	BS-330E <sup>9</sup>	mmol/L	111	100	—	122	4	BS-2800M <sup>18</sup>	mmol/L	108	97	—	119	4