

## 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



The data of each group is same.

Русский: Данные совпадают во всех группах.

Português: A dados de cada grupo é a mesma.

Español: la datos de cada grupo es la misma.

Italiano: la dati di ogni gruppo è la stessa.

Türkçe: her grubun veri aynıdır.

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

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

3.**BS-230**: BS-230, BS-240;

4.**BS-240E**: BS-240E, BS-240Pro;

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

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

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

7.**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");

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

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

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

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

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

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

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

15.**S1:0.9% NaCl, Conc. Of S1=0;**

Português: **S1:0,9% NaCl, Conc. de S1=0;**

Русский: **S1: 0,9% NaCl, конц. S1=0;**

Español: **S1:0,9% NaCl, Conc. de S1=0;**

Italiano: **S1:0,9% NaCl, conc. di S1=0;**

Türkçe: **S1:%0,9 NaCl, S1 Kons.=0.**

The following reference values are applicable to:

Reagent lot No.: 148820001 or subsequent lot + Calibrator lot No.: 150719003, 150719004, 150719005, 150719006, 150719007, 150720001

Abbreviated name		IgA II		Calibration Rule		Logit-Log(5P)
Model	Level	Calibrator Value <sup>15</sup>		Sample Vol for Dilution (µL)	Diluent Vol (µL)	Sample Vol For Analysis (µL)
		g/L	µmol/L			
<b>BS-200</b> <sup>1</sup> R1: R2: S= 200: 100: 3	S2	0.500	3.13	20	180	3
	S3	1.08	6.75	8	194	20
	S4	1.97	12.3	10	230	40
	S5	4.60	28.8	/	/	3
	S6	8.40	52.5	/	/	6.5
<b>BS-200E</b> <sup>2</sup> R1: R2: S= 200: 100: 3	S2	0.460	2.88	15	135	3
	S3	1.17	7.31	45	135	3
	S4	2.19	13.7	45	135	6
	S5	4.71	29.4	/	/	3
	S6	8.24	51.5	/	/	6.5
<b>BS-230</b> <sup>3</sup> R1: R2: S= 140: 70: 2.1	S2	0.500	3.13	13	117	2.1
	S3	1.22	7.63	34	102	2.1
	S4	2.27	14.2	34	102	4.2
	S5	4.77	29.8	/	/	2.1
	S6	8.84	55.3	/	/	4.5
<b>BS-240E</b> <sup>4</sup> R1: R2: S= 140: 70: 2.1	S2	0.490	3.06	13	117	2.1
	S3	1.15	7.19	34	102	2.1
	S4	2.07	12.9	34	102	4.2
	S5	4.56	28.5	/	/	2.1
	S6	8.40	52.5	/	/	4.6
<b>BS-330</b> <sup>5</sup> R1: R2: S= 200: 100: 3	S2	0.500	3.13	20	180	3
	S3	1.08	6.75	8	194	20
	S4	1.97	12.3	10	230	40
	S5	4.60	28.8	/	/	3
	S6	8.40	52.5	/	/	6.5

# Specific Proteins Calibrator



<b>BS-330E</b> <sup>6</sup> R1: R2: S= 200: 100: 3	<b>S2</b>	0.460	2.88	15	135	3
	<b>S3</b>	1.17	7.31	45	135	3
	<b>S4</b>	2.19	13.7	45	135	6
	<b>S5</b>	4.71	29.4	/	/	3
	<b>S6</b>	8.24	51.5	/	/	6.5
<b>BS-360E</b> <sup>7</sup> R1: R2: S= 200: 100: 3	<b>S2</b>	0.480	3.00	13	117	3
	<b>S3</b>	1.17	7.31	34	102	3
	<b>S4</b>	2.15	13.4	34	102	6
	<b>S5</b>	4.53	28.3	/	/	3
	<b>S6</b>	8.84	55.3	/	/	6.5
<b>BS-380</b> <sup>8</sup> R1: R2: S= 200: 100: 3	<b>S2</b>	0.480	3.00	14	126	3
	<b>S3</b>	1.14	7.13	40	120	3
	<b>S4</b>	2.16	13.5	40	120	6
	<b>S5</b>	4.52	28.3	/	/	3
	<b>S6</b>	8.84	55.3	/	/	6.5
<b>BS-400</b> <sup>9</sup> R1: R2: S= 200: 100: 3	<b>S2</b>	0.470	2.94	14	126	3
	<b>S3</b>	1.14	7.13	40	120	3
	<b>S4</b>	2.19	13.7	40	120	6
	<b>S5</b>	4.62	28.9	/	/	3
	<b>S6</b>	8.84	55.3	/	/	6.5
<b>BS-430</b> <sup>10</sup> R1: R2: S= 140: 70: 2.1	<b>S2</b>	0.460	2.88	11	99	2.1
	<b>S3</b>	1.11	6.94	30	90	2.1
	<b>S4</b>	2.09	13.1	30	90	4.2
	<b>S5</b>	4.50	28.1	/	/	2.1
	<b>S6</b>	8.84	55.3	/	/	4.5
<b>BS-480</b> <sup>11</sup> R1: R2: S= 200: 100: 3	<b>S2</b>	0.480	3.00	14	126	3
	<b>S3</b>	1.16	7.25	40	120	3
	<b>S4</b>	2.21	13.8	40	120	6
	<b>S5</b>	4.59	28.7	/	/	3
	<b>S6</b>	8.84	55.3	/	/	6.5
<b>BS-600</b> <sup>12</sup> R1: R2: S= 140: 70: 2.1	<b>S2</b>	0.460	2.88	11	99	2.1
	<b>S3</b>	1.11	6.94	30	90	2.1
	<b>S4</b>	2.09	13.1	30	90	4.2
	<b>S5</b>	4.50	28.1	/	/	2.1
	<b>S6</b>	8.84	55.3	/	/	4.5
<b>BS-800</b> <sup>13</sup> R1: R2: S= 200: 100: 3	<b>S2</b>	0.460	2.88	10	90	3
	<b>S3</b>	1.11	6.94	30	90	3
	<b>S4</b>	2.09	13.1	30	90	6
	<b>S5</b>	4.50	28.1	/	/	3
	<b>S6</b>	8.84	55.3	/	/	6.5
<b>BS-800</b> <sup>13</sup> R1: R2: S= 140: 70: 2.1	<b>S2</b>	0.460	2.88	10	90	2.1
	<b>S3</b>	1.11	6.94	30	90	2.1
	<b>S4</b>	2.09	13.1	30	90	4.2
	<b>S5</b>	4.50	28.1	/	/	2.1
	<b>S6</b>	8.84	55.3	/	/	4.5
<b>BS-2000</b> <sup>14</sup> R1: R2: S= 140: 70: 2.1	<b>S2</b>	0.470	2.94	10	90	2.1
	<b>S3</b>	1.15	7.19	25	75	2.1
	<b>S4</b>	2.22	13.9	25	75	4.2
	<b>S5</b>	4.52	28.3	/	/	2.1
	<b>S6</b>	9.00	56.3	/	/	4.5

The following reference values are applicable to:

Reagent lot No.: 148820001 or subsequent lot + Calibrator lot No.: 150720002, 150720003

Abbreviated name		IgA II		Calibration Rule		Logit-Log(5P)
Model	Level	Calibrator Value <sup>15</sup>		Sample Vol for Dilution (μL)	Diluent Vol (μL)	Sample Vol For Analysis (μL)
		g/L	μmol/L			
BS-200 <sup>1</sup> R1: R2: S= 200: 100: 3	S2	0.490	3.06	20	180	3
	S3	1.11	6.94	8	194	20
	S4	1.98	12.4	10	230	40
	S5	4.56	28.5	/	/	3
	S6	8.48	53.0	/	/	6.5
	S2	0.460	2.88	15	135	3
BS-200E <sup>2</sup> R1: R2: S= 200: 100: 3	S3	1.16	7.25	45	135	3
	S4	2.29	14.3	45	135	6
	S5	4.63	28.9	/	/	3
	S6	8.50	53.1	/	/	6.5
	S2	0.520	3.25	13	117	2.1
	BS-230 <sup>3</sup> R1: R2: S= 140: 70: 2.1	S3	1.23	7.69	34	102
S4		2.22	13.9	34	102	4.2
S5		4.50	28.1	/	/	2.1
S6		8.20	51.3	/	/	4.5
S2		0.490	3.06	13	117	2.1
BS-240E <sup>4</sup> R1: R2: S= 140: 70: 2.1		S3	1.16	7.25	34	102
	S4	2.08	13.0	34	102	4.2
	S5	4.48	28.0	/	/	2.1
	S6	8.30	51.9	/	/	4.6
	S2	0.490	3.06	20	180	3
	BS-330 <sup>5</sup> R1: R2: S= 200: 100: 3	S3	1.11	6.94	8	194
S4		1.98	12.4	10	230	40
S5		4.56	28.5	/	/	3
S6		8.48	53.0	/	/	6.5
S2		0.460	2.88	15	135	3
BS-330E <sup>6</sup> R1: R2: S= 200: 100: 3		S3	1.16	7.25	45	135
	S4	2.29	14.3	45	135	6
	S5	4.63	28.9	/	/	3
	S6	8.50	53.1	/	/	6.5
	S2	0.450	2.81	13	117	3
	BS-360E <sup>7</sup> R1: R2: S= 200: 100: 3	S3	1.10	6.88	34	102
S4		2.06	12.9	34	102	6
S5		4.44	27.8	/	/	3
S6		8.77	54.8	/	/	6.5
S2		0.490	3.06	14	126	3
BS-380 <sup>8</sup> R1: R2: S= 200: 100: 3		S3	1.15	7.19	40	120
	S4	2.16	13.5	40	120	6
	S5	4.53	28.3	/	/	3
	S6	8.51	53.2	/	/	6.5
	S2	0.480	3.00	14	126	3
	BS-400 <sup>9</sup> R1: R2: S= 200: 100: 3	S3	1.12	7.00	40	120
S4		2.14	13.4	40	120	6
S5		4.47	27.9	/	/	3
S6		8.47	52.9	/	/	6.5

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<b>BS-430</b> <sup>10</sup> R1: R2: S= 140: 70: 2.1	<b>S2</b>	0.460	2.88	11	99	2.1
	<b>S3</b>	1.11	6.94	30	90	2.1
	<b>S4</b>	2.12	13.3	30	90	4.2
	<b>S5</b>	4.51	28.2	/	/	2.1
	<b>S6</b>	8.34	52.1	/	/	4.5
<b>BS-480</b> <sup>11</sup> R1: R2: S= 200: 100: 3	<b>S2</b>	0.490	3.06	14	126	3
	<b>S3</b>	1.15	7.19	40	120	3
	<b>S4</b>	2.16	13.5	40	120	6
	<b>S5</b>	4.53	28.3	/	/	3
	<b>S6</b>	8.34	52.1	/	/	6.5
<b>BS-600</b> <sup>12</sup> R1: R2: S= 140: 70: 2.1	<b>S2</b>	0.480	3.00	11	99	2.1
	<b>S3</b>	1.15	7.19	30	90	2.1
	<b>S4</b>	2.14	13.4	30	90	4.2
	<b>S5</b>	4.47	27.9	/	/	2.1
	<b>S6</b>	8.50	53.1	/	/	4.5
<b>BS-800</b> <sup>13</sup> R1: R2: S= 200: 100: 3	<b>S2</b>	0.450	2.81	10	90	3
	<b>S3</b>	1.10	6.88	30	90	3
	<b>S4</b>	2.06	12.9	30	90	6
	<b>S5</b>	4.44	27.8	/	/	3
	<b>S6</b>	8.77	54.8	/	/	6.5
<b>BS-800</b> <sup>13</sup> R1: R2: S= 140: 70: 2.1	<b>S2</b>	0.450	2.81	10	90	2.1
	<b>S3</b>	1.10	6.88	30	90	2.1
	<b>S4</b>	2.06	12.9	30	90	4.2
	<b>S5</b>	4.44	27.8	/	/	2.1
	<b>S6</b>	8.77	54.8	/	/	4.5
<b>BS-2000</b> <sup>14</sup> R1: R2: S= 140: 70: 2.1	<b>S2</b>	0.470	2.94	10	90	2.1
	<b>S3</b>	1.14	7.13	25	75	2.1
	<b>S4</b>	2.21	13.8	25	75	4.2
	<b>S5</b>	4.49	28.1	/	/	2.1
	<b>S6</b>	9.05	56.6	/	/	4.5



The following reference values are applicable to the listed lot No. (shown in the first column)



Lot No.	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD
Reagent lot No.: 148820001 or subsequent lot + Multi Control sera N lot No.: 050218008, 050218010	BS-200 <sup>1</sup>	g/L	1.63	1.26 – 2.00	0.12	BS-380 <sup>8</sup>	g/L	1.71	1.33 – 2.09	0.13
		µmol/L	10.2	7.9 – 12.5	0.8		µmol/L	10.7	8.3 – 13.1	0.8
	BS-200E <sup>2</sup>	g/L	1.70	1.32 – 2.08	0.13	BS-400 <sup>9</sup>	g/L	1.66	1.29 – 2.03	0.12
		µmol/L	10.6	8.3 – 13.0	0.8		µmol/L	10.4	8.1 – 12.7	0.8
	BS-230 <sup>3</sup>	g/L	1.70	1.32 – 2.08	0.13	BS-430 <sup>10</sup>	g/L	1.68	1.30 – 2.06	0.13
		µmol/L	10.6	8.3 – 13.0	0.8		µmol/L	10.6	8.3 – 13.0	0.8
	BS-240E <sup>4</sup>	g/L	1.66	1.29 – 2.03	0.12	BS-480 <sup>11</sup>	g/L	1.67	1.29 – 2.05	0.13
		µmol/L	10.4	8.1 – 12.7	0.8		µmol/L	10.4	8.1 – 12.8	0.8
	BS-330 <sup>5</sup>	g/L	1.63	1.26 – 2.00	0.12	BS-600 <sup>12</sup>	g/L	1.69	1.31 – 2.07	0.13
		µmol/L	10.2	7.9 – 12.5	0.8		µmol/L	10.6	8.2 – 12.9	0.8
	BS-330E <sup>6</sup>	g/L	1.70	1.32 – 2.08	0.13	BS-800 <sup>13</sup>	g/L	1.66	1.29 – 2.03	0.12
		µmol/L	10.6	8.3 – 13.0	0.8		µmol/L	10.4	8.1 – 12.7	0.8
	BS-360E <sup>7</sup>	g/L	1.61	1.25 – 1.97	0.12	BS-2000 <sup>14</sup>	g/L	1.67	1.29 – 2.05	0.13
		µmol/L	10.1	7.8 – 12.3	0.8		µmol/L	10.4	8.1 – 12.8	0.8
Lot No.	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD
Reagent lot No.: 148820001 or subsequent lot + Multi Control sera N lot No.: 050218009, 050219001	BS-200 <sup>1</sup>	g/L	1.61	1.25 – 1.97	0.12	BS-380 <sup>8</sup>	g/L	1.63	1.26 – 2.00	0.12
		µmol/L	10.1	7.8 – 12.3	0.8		µmol/L	10.2	7.9 – 12.5	0.8
	BS-200E <sup>2</sup>	g/L	1.62	1.26 – 1.98	0.12	BS-400 <sup>9</sup>	g/L	1.60	1.24 – 1.96	0.12
		µmol/L	10.1	7.9 – 12.4	0.8		µmol/L	10.0	7.8 – 12.3	0.8
	BS-230 <sup>3</sup>	g/L	1.66	1.29 – 2.03	0.12	BS-430 <sup>10</sup>	g/L	1.62	1.26 – 1.98	0.12
		µmol/L	10.4	8.1 – 12.7	0.8		µmol/L	10.1	7.9 – 12.4	0.8
	BS-240E <sup>4</sup>	g/L	1.62	1.26 – 1.98	0.12	BS-480 <sup>11</sup>	g/L	1.61	1.25 – 1.97	0.12
		µmol/L	10.1	7.9 – 12.4	0.8		µmol/L	10.1	7.8 – 12.3	0.8
	BS-330 <sup>5</sup>	g/L	1.61	1.25 – 1.97	0.12	BS-600 <sup>12</sup>	g/L	1.63	1.26 – 2.00	0.12
		µmol/L	10.1	7.8 – 12.3	0.8		µmol/L	10.2	7.9 – 12.5	0.8
	BS-330E <sup>6</sup>	g/L	1.62	1.26 – 1.98	0.12	BS-800 <sup>13</sup>	g/L	1.59	1.23 – 1.95	0.12
		µmol/L	10.1	7.9 – 12.4	0.8		µmol/L	9.94	7.69 – 12.19	0.75
	BS-360E <sup>7</sup>	g/L	1.56	1.21 – 1.91	0.12	BS-2000 <sup>14</sup>	g/L	1.60	1.24 – 1.96	0.12
		µmol/L	9.75	7.56 – 11.94	0.75		µmol/L	10.0	7.8 – 12.3	0.8
Lot No.	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD
Reagent lot No.: 148820001 or subsequent lot + Multi Control sera N lot No.: 050219002	BS-200 <sup>1</sup>	g/L	1.63	1.26 – 2.00	0.12	BS-380 <sup>8</sup>	g/L	1.65	1.28 – 2.02	0.12
		µmol/L	10.2	7.9 – 12.5	0.8		µmol/L	10.3	8.0 – 12.6	0.8
	BS-200E <sup>2</sup>	g/L	1.61	1.25 – 1.97	0.12	BS-400 <sup>9</sup>	g/L	1.61	1.25 – 1.97	0.12
		µmol/L	10.1	7.8 – 12.3	0.8		µmol/L	10.1	7.8 – 12.3	0.8
	BS-230 <sup>3</sup>	g/L	1.66	1.29 – 2.03	0.12	BS-430 <sup>10</sup>	g/L	1.62	1.26 – 1.98	0.12
		µmol/L	10.4	8.1 – 12.7	0.8		µmol/L	10.1	7.9 – 12.4	0.8
	BS-240E <sup>4</sup>	g/L	1.60	1.24 – 1.96	0.12	BS-480 <sup>11</sup>	g/L	1.60	1.24 – 1.96	0.12
		µmol/L	10.0	7.8 – 12.3	0.8		µmol/L	10.0	7.8 – 12.3	0.8
	BS-330 <sup>5</sup>	g/L	1.63	1.26 – 2.00	0.12	BS-600 <sup>12</sup>	g/L	1.62	1.26 – 1.98	0.12
		µmol/L	10.2	7.9 – 12.5	0.8		µmol/L	10.1	7.9 – 12.4	0.8
	BS-330E <sup>6</sup>	g/L	1.61	1.25 – 1.97	0.12	BS-800 <sup>13</sup>	g/L	1.60	1.24 – 1.96	0.12
		µmol/L	10.1	7.8 – 12.3	0.8		µmol/L	10.0	7.8 – 12.3	0.8
	BS-360E <sup>7</sup>	g/L	1.56	1.21 – 1.91	0.12	BS-2000 <sup>14</sup>	g/L	1.60	1.24 – 1.96	0.12
		µmol/L	9.75	7.56 – 11.94	0.75		µmol/L	10.0	7.8 – 12.3	0.8

Lot No.	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
Reagent lot No.: 148820001 or subsequent lot + Multi Control sera N lot No.: 050219003, 050219005	BS-200 <sup>1</sup>	g/L	1.65	1.28	—	2.02	BS-380 <sup>8</sup>	g/L	1.70	1.32	—	2.08	0.13	
		μmol/L	10.3	8.0	—	12.6		0.8	μmol/L	10.6	8.3	—	13.0	0.8
	BS-200E <sup>2</sup>	g/L	1.72	1.33	—	2.11	0.13	BS-400 <sup>9</sup>	g/L	1.66	1.29	—	2.03	0.12
		μmol/L	10.8	8.3	—	13.2	0.8		μmol/L	10.4	8.1	—	12.7	0.8
	BS-230 <sup>3</sup>	g/L	1.71	1.33	—	2.09	0.13	BS-430 <sup>10</sup>	g/L	1.68	1.30	—	2.06	0.13
		μmol/L	10.7	8.3	—	13.1	0.8		μmol/L	10.5	8.1	—	12.9	0.8
	BS-240E <sup>4</sup>	g/L	1.65	1.28	—	2.02	0.12	BS-480 <sup>11</sup>	g/L	1.67	1.29	—	2.05	0.13
		μmol/L	10.3	8.0	—	12.6	0.8		μmol/L	10.4	8.1	—	12.8	0.8
	BS-330 <sup>5</sup>	g/L	1.65	1.28	—	2.02	0.12	BS-600 <sup>12</sup>	g/L	1.71	1.33	—	2.09	0.13
		μmol/L	10.3	8.0	—	12.6	0.8		μmol/L	10.7	8.3	—	13.1	0.8
	BS-330E <sup>6</sup>	g/L	1.72	1.33	—	2.11	0.13	BS-800 <sup>13</sup>	g/L	1.65	1.28	—	2.02	0.12
		μmol/L	10.8	8.3	—	13.2	0.8		μmol/L	10.3	8.0	—	12.6	0.8
	BS-360E <sup>7</sup>	g/L	1.60	1.24	—	1.96	0.12	BS-2000 <sup>14</sup>	g/L	1.66	1.29	—	2.03	0.12
		μmol/L	10.0	7.8	—	12.3	0.8		μmol/L	10.4	8.1	—	12.7	0.8
Lot No.	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
Reagent lot No.: 148820001 or subsequent lot + Multi Control sera N lot No.: 050219004	BS-200 <sup>1</sup>	g/L	1.57	1.22	—	1.92	BS-380 <sup>8</sup>	g/L	1.64	1.27	—	2.01	0.12	
		μmol/L	9.81	7.63	—	12.00		0.75	μmol/L	10.3	7.9	—	12.6	0.8
	BS-200E <sup>2</sup>	g/L	1.61	1.25	—	1.97	0.12	BS-400 <sup>9</sup>	g/L	1.61	1.25	—	1.97	0.12
		μmol/L	10.1	7.8	—	12.3	0.8		μmol/L	10.1	7.8	—	12.3	0.8
	BS-230 <sup>3</sup>	g/L	1.64	1.27	—	2.01	0.12	BS-430 <sup>10</sup>	g/L	1.62	1.26	—	1.98	0.12
		μmol/L	10.3	7.9	—	12.6	0.8		μmol/L	10.1	7.9	—	12.4	0.8
	BS-240E <sup>4</sup>	g/L	1.62	1.26	—	1.98	0.12	BS-480 <sup>11</sup>	g/L	1.60	1.24	—	1.96	0.12
		μmol/L	10.1	7.9	—	12.4	0.8		μmol/L	10.0	7.8	—	12.3	0.8
	BS-330 <sup>5</sup>	g/L	1.57	1.22	—	1.92	0.12	BS-600 <sup>12</sup>	g/L	1.62	1.26	—	1.98	0.12
		μmol/L	9.81	7.63	—	12.00	0.75		μmol/L	10.1	7.9	—	12.4	0.8
	BS-330E <sup>6</sup>	g/L	1.61	1.25	—	1.97	0.12	BS-800 <sup>13</sup>	g/L	1.60	1.24	—	1.96	0.12
		μmol/L	10.1	7.8	—	12.3	0.8		μmol/L	10.0	7.8	—	12.3	0.8
	BS-360E <sup>7</sup>	g/L	1.56	1.21	—	1.91	0.12	BS-2000 <sup>14</sup>	g/L	1.59	1.23	—	1.95	0.12
		μmol/L	9.75	7.56	—	11.94	0.75		μmol/L	9.94	7.69	—	12.19	0.75
Lot No.	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)		1 SD		
Reagent lot No.: 148820001 or subsequent lot + ClinChem Multi Control (Level1) lot No.: 059318007, 059319001	BS-200 <sup>1</sup>	g/L	1.61	1.25	—	1.97	BS-380 <sup>8</sup>	g/L	1.63	1.26	—	2.00	0.12	
		μmol/L	10.1	7.8	—	12.3		0.8	μmol/L	10.2	7.9	—	12.5	0.8
	BS-200E <sup>2</sup>	g/L	1.62	1.26	—	1.98	0.12	BS-400 <sup>9</sup>	g/L	1.60	1.24	—	1.96	0.12
		μmol/L	10.1	7.9	—	12.4	0.8		μmol/L	10.0	7.8	—	12.3	0.8
	BS-230 <sup>3</sup>	g/L	1.66	1.29	—	2.03	0.12	BS-430 <sup>10</sup>	g/L	1.62	1.26	—	1.98	0.12
		μmol/L	10.4	8.1	—	12.7	0.8		μmol/L	10.1	7.9	—	12.4	0.8
	BS-240E <sup>4</sup>	g/L	1.62	1.26	—	1.98	0.12	BS-480 <sup>11</sup>	g/L	1.61	1.25	—	1.97	0.12
		μmol/L	10.1	7.9	—	12.4	0.8		μmol/L	10.1	7.8	—	12.3	0.8
	BS-330 <sup>5</sup>	g/L	1.61	1.25	—	1.97	0.12	BS-600 <sup>12</sup>	g/L	1.63	1.26	—	2.00	0.12
		μmol/L	10.1	7.8	—	12.3	0.8		μmol/L	10.2	7.9	—	12.5	0.8
	BS-330E <sup>6</sup>	g/L	1.62	1.26	—	1.98	0.12	BS-800 <sup>13</sup>	g/L	1.59	1.23	—	1.95	0.12
		μmol/L	10.1	7.9	—	12.4	0.8		μmol/L	9.94	7.69	—	12.19	0.75
	BS-360E <sup>7</sup>	g/L	1.56	1.21	—	1.91	0.12	BS-2000 <sup>14</sup>	g/L	1.60	1.24	—	1.96	0.12
		μmol/L	9.75	7.56	—	11.94	0.75		μmol/L	10.0	7.8	—	12.3	0.8

Lot No.	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD
Reagent lot No.: 148820001 or subsequent lot + ClinChem Multi Control (Level1) lot No.: 059319002, 059319003	BS-200 <sup>1</sup>	g/L	1.63	1.26 – 2.00	0.12	BS-380 <sup>8</sup>	g/L	1.65	1.28 – 2.02	0.12
		μmol/L	10.2	7.9 – 12.5	0.8		μmol/L	10.3	8.0 – 12.6	0.8
	BS-200E <sup>2</sup>	g/L	1.61	1.25 – 1.97	0.12	BS-400 <sup>9</sup>	g/L	1.61	1.25 – 1.97	0.12
		μmol/L	10.1	7.8 – 12.3	0.8		μmol/L	10.1	7.8 – 12.3	0.8
	BS-230 <sup>3</sup>	g/L	1.66	1.29 – 2.03	0.12	BS-430 <sup>10</sup>	g/L	1.62	1.26 – 1.98	0.12
		μmol/L	10.4	8.1 – 12.7	0.8		μmol/L	10.1	7.9 – 12.4	0.8
	BS-240E <sup>4</sup>	g/L	1.60	1.24 – 1.96	0.12	BS-480 <sup>11</sup>	g/L	1.60	1.24 – 1.96	0.12
		μmol/L	10.0	7.8 – 12.3	0.8		μmol/L	10.0	7.8 – 12.3	0.8
	BS-330 <sup>5</sup>	g/L	1.63	1.26 – 2.00	0.12	BS-600 <sup>12</sup>	g/L	1.62	1.26 – 1.98	0.12
		μmol/L	10.2	7.9 – 12.5	0.8		μmol/L	10.1	7.9 – 12.4	0.8
	BS-330E <sup>6</sup>	g/L	1.61	1.25 – 1.97	0.12	BS-800 <sup>13</sup>	g/L	1.60	1.24 – 1.96	0.12
		μmol/L	10.1	7.8 – 12.3	0.8		μmol/L	10.0	7.8 – 12.3	0.8
	BS-360E <sup>7</sup>	g/L	1.56	1.21 – 1.91	0.12	BS-2000 <sup>14</sup>	g/L	1.60	1.24 – 1.96	0.12
		μmol/L	9.75	7.56 – 11.94	0.75		μmol/L	10.0	7.8 – 12.3	0.8
Lot No.	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD
Reagent lot No.: 148820001 or subsequent lot + ClinChem Multi Control (Level1) lot No.: 059319004	BS-200 <sup>1</sup>	g/L	1.57	1.22 – 1.92	0.12	BS-380 <sup>8</sup>	g/L	1.64	1.27 – 2.01	0.12
		μmol/L	9.81	7.63 – 12.00	0.75		μmol/L	10.3	7.9 – 12.6	0.8
	BS-200E <sup>2</sup>	g/L	1.61	1.25 – 1.97	0.12	BS-400 <sup>9</sup>	g/L	1.61	1.25 – 1.97	0.12
		μmol/L	10.1	7.8 – 12.3	0.8		μmol/L	10.1	7.8 – 12.3	0.8
	BS-230 <sup>3</sup>	g/L	1.64	1.27 – 2.01	0.12	BS-430 <sup>10</sup>	g/L	1.62	1.26 – 1.98	0.12
		μmol/L	10.3	7.9 – 12.6	0.8		μmol/L	10.1	7.9 – 12.4	0.8
	BS-240E <sup>4</sup>	g/L	1.62	1.26 – 1.98	0.12	BS-480 <sup>11</sup>	g/L	1.60	1.24 – 1.96	0.12
		μmol/L	10.1	7.9 – 12.4	0.8		μmol/L	10.0	7.8 – 12.3	0.8
	BS-330 <sup>5</sup>	g/L	1.57	1.22 – 1.92	0.12	BS-600 <sup>12</sup>	g/L	1.62	1.26 – 1.98	0.12
		μmol/L	9.81	7.63 – 12.00	0.75		μmol/L	10.1	7.9 – 12.4	0.8
	BS-330E <sup>6</sup>	g/L	1.61	1.25 – 1.97	0.12	BS-800 <sup>13</sup>	g/L	1.60	1.24 – 1.96	0.12
		μmol/L	10.1	7.8 – 12.3	0.8		μmol/L	10.0	7.8 – 12.3	0.8
	BS-360E <sup>7</sup>	g/L	1.56	1.21 – 1.91	0.12	BS-2000 <sup>14</sup>	g/L	1.59	1.23 – 1.95	0.12
		μmol/L	9.75	7.56 – 11.94	0.75		μmol/L	9.94	7.69 – 12.19	0.75
Lot No.	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD
Reagent lot No.: 148820001 or subsequent lot + ClinChem Multi Control (Level1) lot No.: 059319005, 059319006, 059319007, 059319008	BS-200 <sup>1</sup>	g/L	1.59	1.23 – 1.95	0.12	BS-380 <sup>8</sup>	g/L	1.65	1.28 – 2.02	0.12
		μmol/L	9.94	7.69 – 12.19	0.75		μmol/L	10.3	8.0 – 12.6	0.8
	BS-200E <sup>2</sup>	g/L	1.61	1.25 – 1.97	0.12	BS-400 <sup>9</sup>	g/L	1.61	1.25 – 1.97	0.12
		μmol/L	10.1	7.8 – 12.3	0.8		μmol/L	10.1	7.8 – 12.3	0.8
	BS-230 <sup>3</sup>	g/L	1.66	1.29 – 2.03	0.12	BS-430 <sup>10</sup>	g/L	1.62	1.26 – 1.98	0.12
		μmol/L	10.4	8.1 – 12.7	0.8		μmol/L	10.1	7.9 – 12.4	0.8
	BS-240E <sup>4</sup>	g/L	1.60	1.24 – 1.96	0.12	BS-480 <sup>11</sup>	g/L	1.60	1.24 – 1.96	0.12
		μmol/L	10.0	7.8 – 12.3	0.8		μmol/L	10.0	7.8 – 12.3	0.8
	BS-330 <sup>5</sup>	g/L	1.59	1.23 – 1.95	0.12	BS-600 <sup>12</sup>	g/L	1.64	1.27 – 2.01	0.12
		μmol/L	9.94	7.69 – 12.19	0.75		μmol/L	10.3	7.9 – 12.6	0.8
	BS-330E <sup>6</sup>	g/L	1.61	1.25 – 1.97	0.12	BS-800 <sup>13</sup>	g/L	1.60	1.24 – 1.96	0.12
		μmol/L	10.1	7.8 – 12.3	0.8		μmol/L	10.0	7.8 – 12.3	0.8
	BS-360E <sup>7</sup>	g/L	1.59	1.23 – 1.95	0.12	BS-2000 <sup>14</sup>	g/L	1.60	1.24 – 1.96	0.12
		μmol/L	9.94	7.69 – 12.19	0.75		μmol/L	10.0	7.8 – 12.3	0.8



Lot No.	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD
Reagent lot No.: 148820001 or subsequent lot + ClinChem Multi Control (Level1) lot No.: 059320001, 059320002	BS-200 <sup>1</sup>	g/L	1.51	1.17 – 1.85	0.11	BS-380 <sup>8</sup>	g/L	1.51	1.17 – 1.85	0.11
		μmol/L	9.44	7.31 – 11.56	0.69		μmol/L	9.44	7.31 – 11.56	0.69
	BS-200E <sup>2</sup>	g/L	1.48	1.15 – 1.81	0.11	BS-400 <sup>9</sup>	g/L	1.48	1.15 – 1.81	0.11
		μmol/L	9.25	7.19 – 11.31	0.69		μmol/L	9.25	7.19 – 11.31	0.69
	BS-230 <sup>3</sup>	g/L	1.53	1.19 – 1.87	0.11	BS-430 <sup>10</sup>	g/L	1.48	1.15 – 1.81	0.11
		μmol/L	9.56	7.44 – 11.69	0.69		μmol/L	9.25	7.19 – 11.31	0.69
	BS-240E <sup>4</sup>	g/L	1.47	1.14 – 1.80	0.11	BS-480 <sup>11</sup>	g/L	1.48	1.15 – 1.81	0.11
		μmol/L	9.19	7.13 – 11.25	0.69		μmol/L	9.25	7.19 – 11.31	0.69
	BS-330 <sup>5</sup>	g/L	1.51	1.17 – 1.85	0.11	BS-600 <sup>12</sup>	g/L	1.51	1.17 – 1.85	0.11
		μmol/L	9.44	7.31 – 11.56	0.69		μmol/L	9.44	7.31 – 11.56	0.69
	BS-330E <sup>6</sup>	g/L	1.48	1.15 – 1.81	0.11	BS-800 <sup>13</sup>	g/L	1.48	1.15 – 1.81	0.11
		μmol/L	9.25	7.19 – 11.31	0.69		μmol/L	9.25	7.19 – 11.31	0.69
	BS-360E <sup>7</sup>	g/L	1.46	1.13 – 1.79	0.11	BS-2000 <sup>14</sup>	g/L	1.47	1.14 – 1.80	0.11
		μmol/L	9.13	7.06 – 11.19	0.69		μmol/L	9.19	7.13 – 11.25	0.69
Lot No.	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD
Reagent lot No.: 148820001 or subsequent lot + ClinChem Multi Control (Level2) lot No.: 059419002, 059419003	BS-200 <sup>1</sup>	g/L	2.35	1.82 – 2.88	0.18	BS-380 <sup>8</sup>	g/L	2.39	1.85 – 2.93	0.18
		μmol/L	14.7	11.4 – 18.0	1.1		μmol/L	14.9	11.6 – 18.3	1.1
	BS-200E <sup>2</sup>	g/L	2.44	1.89 – 2.99	0.18	BS-400 <sup>9</sup>	g/L	2.37	1.84 – 2.90	0.18
		μmol/L	15.3	11.8 – 18.7	1.1		μmol/L	14.8	11.5 – 18.1	1.1
	BS-230 <sup>3</sup>	g/L	2.41	1.87 – 2.95	0.18	BS-430 <sup>10</sup>	g/L	2.38	1.84 – 2.92	0.18
		μmol/L	15.1	11.7 – 18.4	1.1		μmol/L	14.9	11.5 – 18.3	1.1
	BS-240E <sup>4</sup>	g/L	2.30	1.78 – 2.82	0.17	BS-480 <sup>11</sup>	g/L	2.34	1.81 – 2.87	0.18
		μmol/L	14.4	11.1 – 17.6	1.1		μmol/L	14.6	11.3 – 17.9	1.1
	BS-330 <sup>5</sup>	g/L	2.35	1.82 – 2.88	0.18	BS-600 <sup>12</sup>	g/L	2.38	1.84 – 2.92	0.18
		μmol/L	14.7	11.4 – 18.0	1.1		μmol/L	14.9	11.5 – 18.3	1.1
	BS-330E <sup>6</sup>	g/L	2.44	1.89 – 2.99	0.18	BS-800 <sup>13</sup>	g/L	2.33	1.81 – 2.85	0.17
		μmol/L	15.3	11.8 – 18.7	1.1		μmol/L	14.6	11.3 – 17.8	1.1
	BS-360E <sup>7</sup>	g/L	2.33	1.81 – 2.85	0.17	BS-2000 <sup>14</sup>	g/L	2.34	1.81 – 2.87	0.18
		μmol/L	14.6	11.3 – 17.8	1.1		μmol/L	14.6	11.3 – 17.9	1.1
Lot No.	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD
Reagent lot No.: 148820001 or subsequent lot + ClinChem Multi Control (Level2) lot No.: 059419004, 059419005, 059419006	BS-200 <sup>1</sup>	g/L	2.37	1.84 – 2.90	0.18	BS-380 <sup>8</sup>	g/L	2.40	1.86 – 2.94	0.18
		μmol/L	14.8	11.5 – 18.1	1.1		μmol/L	15.0	11.6 – 18.4	1.1
	BS-200E <sup>2</sup>	g/L	2.45	1.90 – 3.00	0.18	BS-400 <sup>9</sup>	g/L	2.35	1.82 – 2.88	0.18
		μmol/L	15.3	11.9 – 18.8	1.1		μmol/L	14.7	11.4 – 18.0	1.1
	BS-230 <sup>3</sup>	g/L	2.41	1.87 – 2.95	0.18	BS-430 <sup>10</sup>	g/L	2.37	1.84 – 2.90	0.18
		μmol/L	15.1	11.7 – 18.4	1.1		μmol/L	14.8	11.5 – 18.1	1.1
	BS-240E <sup>4</sup>	g/L	2.36	1.83 – 2.89	0.18	BS-480 <sup>11</sup>	g/L	2.34	1.81 – 2.87	0.18
		μmol/L	14.8	11.4 – 18.1	1.1		μmol/L	14.6	11.3 – 17.9	1.1
	BS-330 <sup>5</sup>	g/L	2.37	1.84 – 2.90	0.18	BS-600 <sup>12</sup>	g/L	2.37	1.84 – 2.90	0.18
		μmol/L	14.8	11.5 – 18.1	1.1		μmol/L	14.8	11.5 – 18.1	1.1
	BS-330E <sup>6</sup>	g/L	2.45	1.90 – 3.00	0.18	BS-800 <sup>13</sup>	g/L	2.34	1.81 – 2.87	0.18
		μmol/L	15.3	11.9 – 18.8	1.1		μmol/L	14.6	11.3 – 17.9	1.1
	BS-360E <sup>7</sup>	g/L	2.36	1.83 – 2.89	0.18	BS-2000 <sup>14</sup>	g/L	2.35	1.82 – 2.88	0.18
		μmol/L	14.8	11.4 – 18.1	1.1		μmol/L	14.7	11.4 – 18.0	1.1
Lot No.	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD
Reagent lot No.: 148820001 or subsequent lot + ClinChem Multi Control (Level2) lot No.: 059420002, 059420003	BS-200 <sup>1</sup>	g/L	2.39	1.85 – 2.93	0.18	BS-380 <sup>8</sup>	g/L	2.42	1.88 – 2.96	0.18
		μmol/L	14.9	11.6 – 18.3	1.1		μmol/L	15.1	11.8 – 18.5	1.1
	BS-200E <sup>2</sup>	g/L	2.45	1.90 – 3.00	0.18	BS-400 <sup>9</sup>	g/L	2.35	1.82 – 2.88	0.18
		μmol/L	15.3	11.9 – 18.8	1.1		μmol/L	14.7	11.4 – 18.0	1.1
	BS-230 <sup>3</sup>	g/L	2.43	1.88 – 2.98	0.18	BS-430 <sup>10</sup>	g/L	2.37	1.84 – 2.90	0.18
		μmol/L	15.2	11.8 – 18.6	1.1		μmol/L	14.8	11.5 – 18.1	1.1
	BS-240E <sup>4</sup>	g/L	2.40	1.86 – 2.94	0.18	BS-480 <sup>11</sup>	g/L	2.34	1.81 – 2.87	0.18
		μmol/L	15.0	11.6 – 18.4	1.1		μmol/L	14.6	11.3 – 17.9	1.1
	BS-330 <sup>5</sup>	g/L	2.39	1.85 – 2.93	0.18	BS-600 <sup>12</sup>	g/L	2.38	1.84 – 2.92	0.18
		μmol/L	14.9	11.6 – 18.3	1.1		μmol/L	14.9	11.5 – 18.3	1.1
	BS-330E <sup>6</sup>	g/L	2.45	1.90 – 3.00	0.18	BS-800 <sup>13</sup>	g/L	2.34	1.81 – 2.87	0.18
		μmol/L	15.3	11.9 – 18.8	1.1		μmol/L	14.6	11.3 – 17.9	1.1
	BS-360E <sup>7</sup>	g/L	2.33	1.81 – 2.85	0.17	BS-2000 <sup>14</sup>	g/L	2.34	1.81 – 2.87	0.18
		μmol/L	14.6	11.3 – 17.8	1.1		μmol/L	14.6	11.3 – 17.9	1.1