

CueSee® VeriSTAT QC

Expected values for Abbott i-STAT®

LOT	22101849
	
22101849	

Level 1

 2020-12

All cartridge types, all lot numbers

CLEW: A38/C38/H38/J38

	Units	X (Mean)	R (Range)
pH	1	6.955	6.883 - 7.027
pCO <sub>2</sub>	mmHg	74.1	60.8 - 87.4
	kPa	9.86	8.08 - 11.63
pO <sub>2</sub>	mmHg	58	38 - 78
	kPa	7.7	5.0 - 10.3
Na <sup>+</sup>	mmol/L, mEq/L	118	114 - 123
K <sup>+</sup>	mmol/L, mEq/L	2.7	2.3 - 3.1
iCa <sup>++</sup>	mmol/L	1.37	1.25 - 1.48
	mEq/L	2.7	2.5 - 3.0
	mg/dL	5.5	5.0 - 5.9
Cl <sup>-</sup>	mmol/L, mEq/L	80	74 - 85
tCO <sub>2</sub>	mmol/L, mEq/L	20	11 - 29
Glucose/ Glu	mg/dL	304	258 - 351
	g/L	3.04	2.58 - 3.51
	mmol/L	16.9	14.3 - 19.5
Lactate/ Lac	mmol/L	8.10	7.15 - 9.06
	mg/dL	73.0	64.5 - 81.6
	g/L	0.730	0.645 - 0.816
BUN	mg/dL	58	50 - 66
Urea	mmol/L	20.6	17.8 - 23.5
	mg/dL	124	107 - 141
	g/L	1.24	1.07 - 1.41
Creatinine/ Crea	μmol/L	327	248 - 407
	mg/dL	3.7	2.8 - 4.6
Hct <sup>1</sup>	%PCV	16	13 - 20
Hct <sup>2</sup>	%PCV	17	13 - 21

<sup>1</sup> K<sub>3</sub>EDTA

<sup>2</sup> K<sub>2</sub>EDTA

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CLEW: A38/C38/H38/J38

EC8+, 6+, EC4+, E3+ & G

LOT F, H, J or K

	Units	X (Mean)	R (Range)
pH	1	<b>6.933</b>	6.883 - 6.983
pCO <sub>2</sub>	mmHg	<b>77.4</b>	67.4 - 87.4
	kPa	<b>10.30</b>	8.97 - 11.63
Na <sup>+</sup>	mmol/L, mEq/L	<b>119</b>	115 - 123
K <sup>+</sup>	mmol/L, mEq/L	<b>2.7</b>	2.3 - 3.1
Cl <sup>-</sup>	mmol/L, mEq/L	<b>79</b>	74 - 84
Glucose/ Glu	mg/dL	<b>306</b>	264 - 348
	g/L	<b>3.06</b>	2.64 - 3.48
	mmol/L	<b>17.0</b>	14.6 - 19.3
BUN	mg/dL	<b>57</b>	50 - 64
Urea	mmol/L	<b>20.3</b>	17.8 - 22.8
	mg/dL	<b>122</b>	107 - 137
	g/L	<b>1.22</b>	1.07 - 1.37
Hct <sup>1</sup>	%PCV	<b>16</b>	13 - 19
Hct <sup>2</sup>	%PCV	<b>17</b>	14 - 20

<sup>1</sup> K<sub>3</sub>EDTA

<sup>2</sup> K<sub>2</sub>EDTA

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CLEW: A38/C38/H38/J38

CG8+, EG7+, EG6+, G3+, Crea & CG4+

LOT A, K, L, M, N, W or Y

	Units	X (Mean)	R (Range)
pH	1	<b>6.977</b>	6.927 - 7.027
pCO <sub>2</sub>	mmHg	<b>69.7</b>	61.7 - 77.7
	kPa	<b>9.27</b>	8.21 - 10.34
pO <sub>2</sub>	mmHg	<b>60</b>	45 - 75
	kPa	<b>8.0</b>	6.0 - 9.9
Na <sup>+</sup>	mmol/L, mEq/L	<b>119</b>	115 - 123
K <sup>+</sup>	mmol/L, mEq/L	<b>2.7</b>	2.3 - 3.1
iCa <sup>++</sup>	mmol/L	<b>1.36</b>	1.25 - 1.47
	mEq/L	<b>2.7</b>	2.5 - 2.9
	mg/dL	<b>5.5</b>	5.0 - 5.9
Glucose/ Glu	mg/dL	<b>300</b>	258 - 342
	g/L	<b>3.00</b>	2.58 - 3.42
	mmol/L	<b>16.6</b>	14.3 - 19.0
Creatinine/ Crea	μmol/L	<b>318</b>	248 - 389
	mg/dL	<b>3.6</b>	2.8 - 4.4
Lactate/ Lac	mmol/L	<b>8.14</b>	7.22 - 9.06
	mg/dL	<b>73.3</b>	65.0 - 81.6
	g/L	<b>0.733</b>	0.650 - 0.816
Hct <sup>1</sup>	%PCV	<b>17</b>	14 - 20
Hct <sup>2</sup>	%PCV	<b>18</b>	15 - 21

<sup>1</sup> K<sub>3</sub>EDTA

<sup>2</sup> K<sub>2</sub>EDTA

CG4+, G3+

LOT D

	Units	X (Mean)	R (Range)
pH	1	<b>6.977</b>	6.927 - 7.027
pCO <sub>2</sub>	mmHg	<b>68.8</b>	60.8 - 76.8
	kPa	<b>9.15</b>	8.08 - 10.21
pO <sub>2</sub>	mmHg	<b>55</b>	40 - 70
	kPa	<b>7.4</b>	5.4 - 9.4
Lactate/ Lac	mmol/L	<b>8.07</b>	7.15 - 8.99
	mg/dL	<b>72.7</b>	64.5 - 81.0
	g/L	<b>0.727</b>	0.645 - 0.810

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CLEW: A38/C38/H38/J38

### Chem8+

LOT H

	<i>Units</i>	<b>X (Mean)</b>	<i>R (Range)</i>
<b>Na<sup>+</sup></b>	<i>mmol/L, mEq/L</i>	<b>118</b>	114 - 122
<b>K<sup>+</sup></b>	<i>mmol/L, mEq/L</i>	<b>2.7</b>	2.3 - 3.1
<b>Cl<sup>-</sup></b>	<i>mmol/L, mEq/L</i>	<b>80</b>	75 - 85
<b>iCa<sup>++</sup></b>	<i>mmol/L</i>	<b>1.37</b>	1.26 - 1.48
	<i>mEq/L</i>	<b>2.7</b>	2.5 - 3.0
	<i>mg/dL</i>	<b>5.5</b>	5.1 - 5.9
<b>Glucose/ Glu</b>	<i>mg/dL</i>	<b>309</b>	267 - 351
	<i>g/L</i>	<b>3.09</b>	2.67 - 3.51
	<i>mmol/L</i>	<b>17.1</b>	14.8 - 19.5
<b>tCO<sub>2</sub></b>	<i>mmol/L, mEq/L</i>	<b>20</b>	11 - 29
<b>Creatinine/ Crea</b>	<i>μmol/L</i>	<b>337</b>	266 - 407
	<i>mg/dL</i>	<b>3.8</b>	3.0 - 4.6
<b>BUN</b>	<i>mg/dL</i>	<b>59</b>	52 - 66
<b>Urea</b>	<i>mmol/L</i>	<b>21.0</b>	18.5 - 23.5
	<i>mg/dL</i>	<b>126</b>	111 - 141
	<i>g/L</i>	<b>1.26</b>	1.11 - 1.41
<b>Hct <sup>1</sup></b>	<i>%PCV</i>	<b>16</b>	13 - 19
<b>Hct <sup>2</sup></b>	<i>%PCV</i>	<b>16</b>	13 - 19

<sup>1</sup> K<sub>3</sub>EDTA

<sup>2</sup> K<sub>2</sub>EDTA