

**CueSee® VeriSTAT QC**

Expected values for Abbott i-STAT®

LOT	<b>22102704</b>
	
<b>22102704</b>	

**Level 2**

 **2019-01**

All cartridge types, all lot numbers

**CLEW: A37/C37/H37/J37**

	<i>Units</i>	<b>X (Mean)</b>	<i>R (Range)</i>
<b>pH</b>	1	<b>7.357</b>	7.274 - 7.439
<b>pCO<sub>2</sub></b>	<i>mmHg</i>	<b>41.6</b>	30.5 - 52.7
	<i>kPa</i>	<b>5.53</b>	4.05 - 7.01
<b>pO<sub>2</sub></b>	<i>mmHg</i>	<b>96</b>	71 - 121
	<i>kPa</i>	<b>12.8</b>	9.5 - 16.1
<b>Na<sup>+</sup></b>	<i>mmol/L, mEq/L</i>	<b>135</b>	130 - 140
<b>K<sup>+</sup></b>	<i>mmol/L, mEq/L</i>	<b>3.6</b>	3.1 - 4.0
<b>iCa<sup>++</sup></b>	<i>mmol/L</i>	<b>1.13</b>	1.04 - 1.22
	<i>mEq/L</i>	<b>2.3</b>	2.1 - 2.4
	<i>mg/dL</i>	<b>4.5</b>	4.2 - 4.9
<b>Cl<sup>-</sup></b>	<i>mmol/L, mEq/L</i>	<b>100</b>	95 - 106
<b>tCO<sub>2</sub></b>	<i>mmol/L, mEq/L</i>	<b>24</b>	17 - 31
<b>Glucose/ Glu</b>	<i>mg/dL</i>	<b>139</b>	121 - 158
	<i>g/L</i>	<b>1.39</b>	1.21 - 1.58
	<i>mmol/L</i>	<b>7.7</b>	6.7 - 8.7
<b>Lactate/ Lac</b>	<i>mmol/L</i>	<b>2.05</b>	1.52 - 2.58
	<i>mg/dL</i>	<b>18.4</b>	13.7 - 23.2
	<i>g/L</i>	<b>0.184</b>	0.137 - 0.232
<b>BUN</b>	<i>mg/dL</i>	<b>11</b>	8 - 14
<b>Urea</b>	<i>mmol/L</i>	<b>3.9</b>	2.9 - 5.0
	<i>mg/dL</i>	<b>24</b>	17 - 30
	<i>g/L</i>	<b>0.24</b>	0.17 - 0.30
<b>Creatinine/ Crea</b>	<i>μmol/L</i>	<b>133</b>	96 - 170
	<i>mg/dL</i>	<b>1.5</b>	1.1 - 1.9
<b>Hct<sup>1</sup></b>	<i>%PCV</i>	<b>33</b>	29 - 37
<b>Hct<sup>2</sup></b>	<i>%PCV</i>	<b>35</b>	30 - 39

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

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

## CueSee® VeriSTAT QC

Expected values for Abbott i-STAT®



Level 2

 2019-01

CLEW: A37/C37/H37/J37

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

LOT F, H, J or K

	Units	X (Mean)	R (Range)
pH	1	<b>7.324</b>	7.274 - 7.374
pCO <sub>2</sub>	mmHg	<b>45.7</b>	38.7 - 52.7
	kPa	<b>6.08</b>	5.15 - 7.01
Na <sup>+</sup>	mmol/L, mEq/L	<b>135</b>	131 - 139
K <sup>+</sup>	mmol/L, mEq/L	<b>3.6</b>	3.2 - 4.0
Cl <sup>-</sup>	mmol/L, mEq/L	<b>101</b>	96 - 106
Glucose/ Glu	mg/dL	<b>144</b>	130 - 158
	g/L	<b>1.44</b>	1.30 - 1.58
	mmol/L	<b>8.0</b>	7.2 - 8.7
BUN	mg/dL	<b>11</b>	8 - 14
Urea	mmol/L	<b>3.9</b>	2.9 - 5.0
	mg/dL	<b>24</b>	17 - 30
	g/L	<b>0.24</b>	0.17 - 0.30
Hct <sup>1</sup>	%PCV	<b>34</b>	31 - 37
Hct <sup>2</sup>	%PCV	<b>35</b>	32 - 39

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

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

## CueSee® VeriSTAT QC

Expected values for Abbott i-STAT®

LOT	<b>22102704</b>
	
<b>22102704</b>	

Level 2

 2019-01

CLEW: A37/C37/H37/J37

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

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

	Units	<b>X (Mean)</b>	R (Range)
pH	1	<b>7.380</b>	7.330 - 7.430
pCO <sub>2</sub>	mmHg	<b>37.7</b>	30.7 - 44.7
	kPa	<b>5.02</b>	4.09 - 5.95
pO <sub>2</sub>	mmHg	<b>96</b>	76 - 116
	kPa	<b>12.7</b>	10.0 - 15.4
Na <sup>+</sup>	mmol/L, mEq/L	<b>136</b>	132 - 140
K <sup>+</sup>	mmol/L, mEq/L	<b>3.6</b>	3.2 - 4.0
iCa <sup>++</sup>	mmol/L	<b>1.14</b>	1.06 - 1.22
	mEq/L	<b>2.3</b>	2.1 - 2.4
	mg/dL	<b>4.6</b>	4.2 - 4.9
Glucose/ Glu	mg/dL	<b>137</b>	123 - 151
	g/L	<b>1.37</b>	1.23 - 1.51
	mmol/L	<b>7.6</b>	6.8 - 8.4
Creatinine/ Crea	μmol/L	<b>132</b>	96 - 167
	mg/dL	<b>1.5</b>	1.1 - 1.9
Lactate/ Lac	mmol/L	<b>2.02</b>	1.52 - 2.52
	mg/dL	<b>18.2</b>	13.7 - 22.7
	g/L	<b>0.182</b>	0.137 - 0.227
Hct <sup>1</sup>	%PCV	<b>34</b>	31 - 37
Hct <sup>2</sup>	%PCV	<b>36</b>	33 - 39

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

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

CG4+, G3+

LOT D

	Units	<b>X (Mean)</b>	R (Range)
pH	1	<b>7.389</b>	7.339 - 7.439
pCO <sub>2</sub>	mmHg	<b>37.5</b>	30.5 - 44.5
	kPa	<b>4.98</b>	4.05 - 5.91
pO <sub>2</sub>	mmHg	<b>97</b>	77 - 117
	kPa	<b>12.9</b>	10.2 - 15.5
Lactate/ Lac	mmol/L	<b>2.08</b>	1.58 - 2.58
	mg/dL	<b>18.7</b>	14.2 - 23.2
	g/L	<b>0.187</b>	0.142 - 0.232

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LOT	<b>22102704</b>
	
<b>22102704</b>	

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CLEW: A37/C37/H37/J37

### 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>134</b>	130 - 138
<b>K<sup>+</sup></b>	<i>mmol/L, mEq/L</i>	<b>3.5</b>	3.1 - 3.9
<b>Cl<sup>-</sup></b>	<i>mmol/L, mEq/L</i>	<b>100</b>	95 - 105
<b>iCa<sup>++</sup></b>	<i>mmol/L</i>	<b>1.12</b>	1.04 - 1.20
	<i>mEq/L</i>	<b>2.2</b>	2.1 - 2.4
	<i>mg/dL</i>	<b>4.5</b>	4.2 - 4.8
<b>Glucose/ Glu</b>	<i>mg/dL</i>	<b>135</b>	121 - 149
	<i>g/L</i>	<b>1.35</b>	1.21 - 1.49
	<i>mmol/L</i>	<b>7.5</b>	6.7 - 8.3
<b>tCO<sub>2</sub></b>	<i>mmol/L, mEq/L</i>	<b>24</b>	17 - 31
<b>Creatinine/ Crea</b>	<i>µmol/L</i>	<b>135</b>	100 - 170
	<i>mg/dL</i>	<b>1.5</b>	1.1 - 1.9
<b>BUN</b>	<i>mg/dL</i>	<b>11</b>	8 - 14
<b>Urea</b>	<i>mmol/L</i>	<b>3.9</b>	2.9 - 5.0
	<i>mg/dL</i>	<b>24</b>	17 - 30
	<i>g/L</i>	<b>0.24</b>	0.17 - 0.30
<b>Hct<sup>1</sup></b>	<i>%PCV</i>	<b>32</b>	29 - 35
<b>Hct<sup>2</sup></b>	<i>%PCV</i>	<b>34</b>	30 - 37

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

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