

CueSee® VeriSTAT QC

Expected values for Abbott i-STAT®

LOT	22103847
	
22103847	

Level 3

 2020-11

All cartridge types, all lot numbers

CLEW: A38/C38/H38/J38

	Units	X (Mean)	R (Range)
pH	1	7.625	7.540 - 7.710
pCO ₂	mmHg	29.5	19.8 - 39.3
	kPa	3.93	2.63 - 5.22
pO ₂	mmHg	139	109 - 169
	kPa	18.4	14.4 - 22.4
Na ⁺	mmol/L, mEq/L	161	155 - 166
K ⁺	mmol/L, mEq/L	6.1	5.6 - 6.6
iCa ⁺⁺	mmol/L	0.66	0.58 - 0.75
	mEq/L	1.3	1.2 - 1.5
	mg/dL	2.7	2.3 - 3.0
Cl ⁻	mmol/L, mEq/L	125	118 - 132
tCO ₂	mmol/L, mEq/L	32	25 - 39
Glucose/ Glu	mg/dL	44	31 - 57
	g/L	0.44	0.31 - 0.57
	mmol/L	2.5	1.7 - 3.2
Lactate/ Lac	mmol/L	0.72	0.18 - 1.26
	mg/dL	6.5	1.6 - 11.4
	g/L	0.065	0.016 - 0.114
BUN	mg/dL	10	7 - 12
Urea	mmol/L	3.5	2.6 - 4.3
	mg/dL	21	16 - 26
	g/L	0.21	0.16 - 0.26
Creatinine/ Crea	μmol/L	51	19 - 82
	mg/dL	0.6	0.2 - 0.9
Hct ¹	%PCV	52	47 - 57
Hct ²	%PCV	54	49 - 60

¹ K₃EDTA

² K₂EDTA

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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	7.590	7.540 - 7.640
pCO ₂	mmHg	32.3	25.3 - 39.3
	kPa	4.29	3.36 - 5.22
Na ⁺	mmol/L, mEq/L	160	155 - 165
K ⁺	mmol/L, mEq/L	6.1	5.6 - 6.6
Cl ⁻	mmol/L, mEq/L	124	118 - 130
Glucose/ Glu	mg/dL	48	39 - 57
	g/L	0.48	0.39 - 0.57
	mmol/L	2.7	2.2 - 3.2
BUN	mg/dL	9	7 - 11
Urea	mmol/L	3.4	2.6 - 4.1
	mg/dL	20	16 - 24
	g/L	0.20	0.16 - 0.24
Hct ¹	%PCV	53	49 - 57
Hct ²	%PCV	55	51 - 59

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Expected values for Abbott i-STAT®

LOT	22103847
	
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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	7.660	7.610 - 7.710
pCO ₂	mmHg	28.2	21.2 - 35.2
	kPa	3.75	2.81 - 4.68
pO ₂	mmHg	134	109 - 159
	kPa	17.8	14.5 - 21.1
Na ⁺	mmol/L, mEq/L	161	156 - 166
K ⁺	mmol/L, mEq/L	6.1	5.6 - 6.6
iCa ⁺⁺	mmol/L	0.66	0.58 - 0.74
	mEq/L	1.3	1.2 - 1.5
	mg/dL	2.7	2.3 - 3.0
Glucose/ Glu	mg/dL	45	36 - 54
	g/L	0.45	0.36 - 0.54
	mmol/L	2.5	2.0 - 3.0
Creatinine/ Crea	µmol/L	46	19 - 72
	mg/dL	0.5	0.2 - 0.8
Lactate/ Lac	mmol/L	0.68	0.18 - 1.18
	mg/dL	6.1	1.6 - 10.6
	g/L	0.061	0.016 - 0.106
Hct ¹	%PCV	53	49 - 57
Hct ²	%PCV	56	51 - 60

¹ K₃EDTA

² K₂EDTA

CG4+, G3+

LOT D

	Units	X (Mean)	R (Range)
pH	1	7.660	7.610 - 7.710
pCO ₂	mmHg	26.8	19.8 - 33.8
	kPa	3.56	2.63 - 4.49
pO ₂	mmHg	143	118 - 168
	kPa	19.0	15.7 - 22.4
Lactate/ Lac	mmol/L	0.76	0.26 - 1.26
	mg/dL	6.9	2.4 - 11.4
	g/L	0.069	0.024 - 0.114

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CLEW: A38/C38/H38/J38

Chem8+

LOT H

	<i>Units</i>	X (Mean)	<i>R (Range)</i>
Na⁺	<i>mmol/L, mEq/L</i>	160	155 - 165
K⁺	<i>mmol/L, mEq/L</i>	6.1	5.6 - 6.6
Cl⁻	<i>mmol/L, mEq/L</i>	126	120 - 132
iCa⁺⁺	<i>mmol/L</i>	0.67	0.59 - 0.75
	<i>mEq/L</i>	1.3	1.2 - 1.5
	<i>mg/dL</i>	2.7	2.3 - 3.0
Glucose/ Glu	<i>mg/dL</i>	40	31 - 49
	<i>g/L</i>	0.40	0.31 - 0.49
	<i>mmol/L</i>	2.2	1.7 - 2.7
tCO₂	<i>mmol/L, mEq/L</i>	32	25 - 39
Creatinine/ Crea	<i>µmol/L</i>	56	29 - 82
	<i>mg/dL</i>	0.6	0.3 - 0.9
BUN	<i>mg/dL</i>	10	8 - 12
Urea	<i>mmol/L</i>	3.6	2.9 - 4.3
	<i>mg/dL</i>	22	17 - 26
	<i>g/L</i>	0.22	0.17 - 0.26
Hct ¹	<i>%PCV</i>	51	47 - 55
Hct ²	<i>%PCV</i>	53	49 - 57

¹ K₃EDTA

² K₂EDTA