

CueSee® VeriSTAT QC

Expected values for Abbott i-STAT®

LOT	22103822
	
22103822	

Level 3

 2020-05

All cartridge types, all lot numbers

CLEW: A37/C37/H37/J37

	Units	\bar{X} (Mean)	R (Range)
pH	1	7.649	7.567 - 7.731
pCO ₂	mmHg	30.5	20.9 - 40.0
	kPa	4.05	2.78 - 5.32
pO ₂	mmHg	135	105 - 165
	kPa	18.0	14.0 - 22.0
Na ⁺	mmol/L, mEq/L	159	153 - 165
K ⁺	mmol/L, mEq/L	6.0	5.5 - 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	122	116 - 128
tCO ₂	mmol/L, mEq/L	32	25 - 39
Glucose/ Glu	mg/dL	44	32 - 56
	g/L	0.44	0.32 - 0.56
	mmol/L	2.4	1.8 - 3.1
Lactate/ Lac	mmol/L	0.63	0.10 - 1.15
	mg/dL	5.7	0.9 - 10.4
	g/L	0.057	0.009 - 0.104
BUN	mg/dL	10	8 - 12
Urea	mmol/L	3.5	2.8 - 4.3
	mg/dL	21	17 - 26
	g/L	0.21	0.17 - 0.26
Creatinine/ Crea	μmol/L	51	24 - 78
	mg/dL	0.6	0.3 - 0.9
Hct ¹	%PCV	52	46 - 57
Hct ²	%PCV	54	48 - 59

¹ K₃EDTA

² K₂EDTA

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CLEW: A37/C37/H37/J37

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

LOT F, H, J or K

	Units	X (Mean)	R (Range)
pH	1	7.617	7.567 - 7.667
pCO ₂	mmHg	33.0	26.0 - 40.0
	kPa	4.39	3.46 - 5.32
Na ⁺	mmol/L, mEq/L	159	154 - 164
K ⁺	mmol/L, mEq/L	6.1	5.6 - 6.6
Cl ⁻	mmol/L, mEq/L	122	116 - 128
Glucose/ Glu	mg/dL	47	38 - 56
	g/L	0.47	0.38 - 0.56
	mmol/L	2.6	2.1 - 3.1
BUN	mg/dL	10	8 - 12
Urea	mmol/L	3.5	2.8 - 4.2
	mg/dL	21	17 - 25
	g/L	0.21	0.17 - 0.25
Hct ¹	%PCV	52	48 - 56
Hct ²	%PCV	55	50 - 59

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² K₂EDTA

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LOT	22103822
	
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CLEW: A37/C37/H37/J37

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

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

	Units	X (Mean)	R (Range)
pH	1	7.681	7.631 - 7.731
pCO ₂	mmHg	27.9	20.9 - 34.9
	kPa	3.71	2.78 - 4.64
pO ₂	mmHg	130	105 - 155
	kPa	17.3	14.0 - 20.6
Na ⁺	mmol/L, mEq/L	160	155 - 165
K ⁺	mmol/L, mEq/L	6.0	5.5 - 6.5
iCa ⁺⁺	mmol/L	0.66	0.58 - 0.74
	mEq/L	1.3	1.2 - 1.5
	mg/dL	2.6	2.3 - 2.9
Glucose/ Glu	mg/dL	43	34 - 52
	g/L	0.43	0.34 - 0.52
	mmol/L	2.4	1.9 - 2.9
Creatinine/ Crea	μmol/L	51	24 - 77
	mg/dL	0.6	0.3 - 0.9
Lactate/ Lac	mmol/L	0.60	0.10 - 1.10
	mg/dL	5.4	0.9 - 9.9
	g/L	0.054	0.009 - 0.099
Hct ¹	%PCV	53	49 - 57
Hct ²	%PCV	55	51 - 59

¹ K₃EDTA

² K₂EDTA

CG4+, G3+

LOT D

	Units	X (Mean)	R (Range)
pH	1	7.669	7.619 - 7.719
pCO ₂	mmHg	28.0	21.0 - 35.0
	kPa	3.72	2.79 - 4.65
pO ₂	mmHg	141	116 - 166
	kPa	18.8	15.4 - 22.1
Lactate/ Lac	mmol/L	0.65	0.15 - 1.15
	mg/dL	5.9	1.4 - 10.4
	g/L	0.059	0.014 - 0.104

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22103822	

Level 3

 2020-05

CLEW: A37/C37/H37/J37

Chem8+

LOT H

	<i>Units</i>	X (Mean)	<i>R (Range)</i>
Na⁺	<i>mmol/L, mEq/L</i>	158	153 - 163
K⁺	<i>mmol/L, mEq/L</i>	6.0	5.5 - 6.5
Cl⁻	<i>mmol/L, mEq/L</i>	122	116 - 128
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	2.4 - 3.0
Glucose/ Glu	<i>mg/dL</i>	41	32 - 50
	<i>g/L</i>	0.41	0.32 - 0.50
	<i>mmol/L</i>	2.3	1.8 - 2.8
tCO₂	<i>mmol/L, mEq/L</i>	32	25 - 39
Creatinine/ Crea	<i>μmol/L</i>	52	25 - 78
	<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>	21	17 - 26
	<i>g/L</i>	0.21	0.17 - 0.26
Hct ¹	<i>%PCV</i>	50	46 - 54
Hct ²	<i>%PCV</i>	53	48 - 57

¹ K₃EDTA

² K₂EDTA