

CueSee® VeriSTAT QC

Expected values for Abbott i-STAT®

LOT	22101822
	
22101822	

Level 1

 **2020-05**

All cartridge types, all lot numbers

CLEW: A38/C38/H38/J38

	<i>Units</i>	X (Mean)	<i>R (Range)</i>
pH	1	6.966	6.898 - 7.034
pCO₂	mmHg	72.1	59.8 - 84.3
	kPa	9.58	7.95 - 11.21
pO₂	mmHg	60	40 - 80
	kPa	7.9	5.3 - 10.6
Na⁺	mmol/L, mEq/L	118	114 - 123
K⁺	mmol/L, mEq/L	2.7	2.3 - 3.1
iCa⁺⁺	mmol/L	1.40	1.29 - 1.51
	mEq/L	2.8	2.6 - 3.0
	mg/dL	5.6	5.1 - 6.0
Cl⁻	mmol/L, mEq/L	80	74 - 85
tCO₂	mmol/L, mEq/L	19	10 - 28
Glucose/ Glu	mg/dL	307	262 - 352
	g/L	3.07	2.62 - 3.52
	mmol/L	17.1	14.6 - 19.5
Lactate/ Lac	mmol/L	8.12	7.11 - 9.14
	mg/dL	73.2	64.0 - 82.3
	g/L	0.732	0.640 - 0.823
BUN	mg/dL	58	49 - 66
Urea	mmol/L	20.6	17.5 - 23.6
	mg/dL	123	105 - 142
	g/L	1.23	1.05 - 1.42
Creatinine/ Crea	μmol/L	324	244 - 404
	mg/dL	3.7	2.8 - 4.6
Hct¹	%PCV	16	13 - 20
Hct²	%PCV	17	13 - 21

¹ K₃EDTA

² K₂EDTA

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2020-05

CLEW: A38/C38/H38/J38

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

LOT F, H, J or K

	Units	X (Mean)	R (Range)
pH	1	6.948	6.898 - 6.998
pCO ₂	mmHg	74.3	64.3 - 84.3
	kPa	9.88	8.55 - 11.21
Na ⁺	mmol/L, mEq/L	119	115 - 123
K ⁺	mmol/L, mEq/L	2.7	2.3 - 3.1
Cl ⁻	mmol/L, mEq/L	79	74 - 84
Glucose/ Glu	mg/dL	308	266 - 350
	g/L	3.08	2.66 - 3.50
	mmol/L	17.1	14.8 - 19.4
BUN	mg/dL	56	49 - 63
Urea	mmol/L	20.0	17.5 - 22.5
	mg/dL	120	105 - 135
	g/L	1.20	1.05 - 1.35
Hct ¹	%PCV	17	14 - 20
Hct ²	%PCV	18	14 - 21

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² K₂EDTA

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LOT	22101822
	
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Level 1

 2020-05

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	6.982	6.932 - 7.032
pCO ₂	mmHg	68.6	60.6 - 76.6
	kPa	9.12	8.06 - 10.19
pO ₂	mmHg	63	48 - 78
	kPa	8.3	6.4 - 10.3
Na ⁺	mmol/L, mEq/L	119	115 - 123
K ⁺	mmol/L, mEq/L	2.7	2.3 - 3.1
iCa ⁺⁺	mmol/L	1.40	1.29 - 1.51
	mEq/L	2.8	2.6 - 3.0
	mg/dL	5.6	5.1 - 6.0
Glucose/ Glu	mg/dL	304	262 - 346
	g/L	3.04	2.62 - 3.46
	mmol/L	16.9	14.6 - 19.2
Creatinine/ Crea	μmol/L	315	244 - 385
	mg/dL	3.6	2.8 - 4.4
Lactate/ Lac	mmol/L	8.03	7.11 - 8.95
	mg/dL	72.3	64.0 - 80.6
	g/L	0.723	0.640 - 0.806
Hct ¹	%PCV	17	14 - 20
Hct ²	%PCV	18	15 - 21

¹ K₃EDTA

² K₂EDTA

CG4+, G3+

LOT D

	Units	X (Mean)	R (Range)
pH	1	6.984	6.934 - 7.034
pCO ₂	mmHg	67.8	59.8 - 75.8
	kPa	9.02	7.95 - 10.08
pO ₂	mmHg	57	42 - 72
	kPa	7.5	5.5 - 9.5
Lactate/ Lac	mmol/L	8.22	7.30 - 9.14
	mg/dL	74.0	65.7 - 82.3
	g/L	0.740	0.657 - 0.823

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Expected values for Abbott i-STAT®

LOT	22101822
	
22101822	

Level 1

 2020-05

CLEW: A38/C38/H38/J38

Chem8+

LOT H

	<i>Units</i>	X (Mean)	<i>R (Range)</i>
Na⁺	<i>mmol/L, mEq/L</i>	118	114 - 122
K⁺	<i>mmol/L, mEq/L</i>	2.7	2.3 - 3.1
Cl⁻	<i>mmol/L, mEq/L</i>	80	75 - 85
iCa⁺⁺	<i>mmol/L</i>	1.40	1.29 - 1.51
	<i>mEq/L</i>	2.8	2.6 - 3.0
	<i>mg/dL</i>	5.6	5.2 - 6.0
Glucose/ Glu	<i>mg/dL</i>	310	268 - 352
	<i>g/L</i>	3.10	2.68 - 3.52
	<i>mmol/L</i>	17.2	14.9 - 19.5
tCO₂	<i>mmol/L, mEq/L</i>	19	10 - 28
Creatinine/ Crea	<i>μmol/L</i>	333	263 - 404
	<i>mg/dL</i>	3.8	3.0 - 4.6
BUN	<i>mg/dL</i>	59	52 - 66
Urea	<i>mmol/L</i>	21.1	18.6 - 23.6
	<i>mg/dL</i>	127	112 - 142
	<i>g/L</i>	1.27	1.12 - 1.42
Hct¹	<i>%PCV</i>	16	13 - 19
Hct²	<i>%PCV</i>	17	13 - 20

¹ K₃EDTA

² K₂EDTA