

iSTAT1: Aqueous Quality Control Current Lot Information

24.08.16		i-STAT TriControls Level 1, 2 and 3 Controls							
Software Verison: JAMS141A		Cartridge		EG7+		CG4+		CHEM 8+	
Clew Std: A32		Lot/Exp		N16115		D16181		H16189	
Expiry: Dec 14. 2016				14 Dec 2016		14 Feb 2017		28 Dec 2016	
Effective: 07.11.16		validated		24 Aug 2016		07 Nov 2016		07 Nov 2016	
i-STAT TriControls Level 1 Control				Lot #: 301080		Exp: 31 August 2017			
ANALYTE	UNITS	EG7+(Mean & Range)		CG4+ (Mean & Range)		CHEM 8+ (Mean & Range)			
pH	mmol/L	7.053	7.003 – 7.103	7.058	7.008 – 7.108				
PCO₂	mmol/L	57.6	50.1-65.1	57.8	50.3-65.3				
PO₂	mmol/L	83	68-98	74	59-89				
Na	mmol/L	123	118 – 127			122		117 – 126	
K	mmol/L	2.9	2.6 – 3.2			2.9		2.6 – 3.2	
CL	mmol/L					73		68 - 78	
iCa	mmol/L	0.86	0.78 – 0.94			0.87		0.79 – 0.95	
TCO2	mmol/L					18		9 - 27	
Urea	mmol/L					19.6		16.8 – 22.1	
Creatinine	umol/L					327		256 – 398	
Lactate	mmol/L			6.75	5.84 – 7.66				
i-STAT TriControls Level 2 Control		Lot #: 311073				Exp: 31 January 2017			
ANALYTE	UNITS	EG7+ (Mean & Range)		CG4+ (Mean & Range)		CHEM 8+ (Mean & Range)			
pH	mmol/L	7.433	7.383 – 7.483	7.444	7.394 – 7.494				
PCO₂	mmol/L	35.8	28.8 – 42.8	35.6	28.6 – 42.6				
PO₂	mmol/L	114	97 - 131	111	94 - 128				
Na	mmol/L	132	127 - 136			131		126 - 136	
K	mmol/L	3.8	3.4 - 4.1			3.8		3.5 - 4.1	
Cl	mmol/L					92		86 - 98	
iCa	mmol/L	1.26	1.18 - 1.35			1.27		1.19 - 1.36	
TCO2	mmol/L					25		19 – 32	
Urea	mmol/L					3.9		2.9 – 5.0	
Creatinine	umol/L					88		53 – 124	
Lactate	mmol/L			1.66	1.16 – 2.16				

i-STAT TriControls Level 3 Control		Lot #: 321073				Exp: 31 January 2017	
ANALYTE	UNITS	EG7+ (Mean & Range)		CG4+ (Mean & Range)		CHEM 8+ (Mean & Range)	
pH	mmol/L	7.681	7.631 - 7.731	7.681	7.631 - 7.731		
PCO ₂	mmol/L	22.0	15.7 – 28.3	22.4	16.1 – 28.7		
PO ₂	mmol/L	139	118 – 160	140	119 - 161		
Na	mmol/L	159	154 – 164			158	152 - 164
K	mmol/L	6.1	5.5 - 6.6			6.1	5.5 - 6.6
Cl	mmol/L					113	105 - 122
iCa	mmol/L	1.54	1.42 - 1.65			1.54	1.42 - 1.66
TCO ₂	mmol/L					28	22 - 34
Urea	mmol/L					2.5	1.4-3.2
Creatinine	umol/L					35	0-71
Lactate	mmol/L			0.56	0.06 – 1.06		

i-STAT cTnl Cartridge			
Software Verison: JAMS Clew Std: A			
Effective:		Validate	
Expiry:		In Use	
i-STAT Level 1 cTnl – Troponin		Lot #:	Exp:
ANALYTE	UNITS	MEAN	RANGE
cTnl	ug/L		
i-STAT Level 2 cTnl – Troponin		Lot #:	Exp:
ANALYTE	UNITS	MEAN	RANGE
cTnl	ug/L		
i-STAT Level 3 cTnl – Troponin		Lot #:	Exp:
ANALYTE	UNITS	MEAN	RANGE
cTnl	ug/L		

References:
i-STAT1 System Manual. Abbott Point of Care Inc. Abbott Park, IL 60064 USA 02 March 2010

REVISION & APPROVAL LOG

Version	Revision Type	Description of Change	Revision Date	Technical Approval	Medical Approval
1.0		New document	April 2012	Elvira Kozak	Dr. Cathy Halstead
1.1	Minor	Manual update and review	15 Aug 2012	Elvira Kozak	
1.2	Minor	New Tricontrols Levels 1,2,3	August 2013	Elvira Kozak	
1.3	Minor	Document title and number change Upload to QMS document control	22 Dec 2016		Dr. Benjamin Jung

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