

I-STAT POCT REFERENCE INTERVALS

ISTAT CG4+ REFERENCE INTERVALS CHART FOR DISPLAY

ANALYTE	Age	ARTERIAL Reference Interval	CAPILLARY Reference Interval	VENOUS Reference Interval (all ages)	UNITS
pH	0 – <2d	7.32 – 7.44	7.32 – 7.44	7.32-7.43	pH
	2d – <7d	7.33 – 7.44	7.33 – 7.44		
	7d – <2y	7.34 – 7.44	7.34 – 7.44		
	2y - <120y	7.35 – 7.45	7.35 – 7.45		
pCO ₂	0 – <2d	32 – 43	32 – 43	37-50	mmHg
	2d – <10y	32 – 42	32 – 42		
	10y – <18y	33 – 44	33 – 44		
	18y - <120y	36 – 45	36 – 45		
pO ₂	0 – <1d	55 – 80	NA	36-44	mmHg

ANALYTE	Age	Reference Interval (all samples)	UNITS
Lactate	0d - <3d	<4.0	mmol/L
	3d - <120y	<2.0	mmol/L

Source of Reference Intervals – PathWest Fasttrack Branches Biochemistry Document
BMM082 Blood Gas reference Intervals

ISTAT CHEM8 REFERENCE INTERVALS CHART FOR DISPLAY

Analyte	Age	Reference Interval	Units	Analyte	Age	Reference Interval	Units	Analyte	Age	Reference Interval	Units			
Sodium	0d - <1w	132 – 147	mmol/L	Creatinine	0d - <1w	22 - 93	umol/L	Urea	0d - <7d	2.0 – 8.0	mmol/L			
	1w - <18y	133 - 144			1w - <4w	17 - 50			7d - <1y	1.0 – 6.0				
	18y - <120y	135 - 145			4w - <2y	11 - 36			1y – 4y	2.0 – 6.5				
	Pregnancy	132 - 142			2y - <6y	20 - 44			4y - <13y	2.5 – 6.5				
Potassium	0d - <1w	3.5 – 6.2	mmol/L											
	1w - <26w	3.8 – 6.4												
	26w - <1y	3.5 – 5.4												
	2y - <18y	3.3 – 4.9												
	18y - <120y	3.5 – 5.2												
	Pregnancy	3.4 – 4.8												
Chloride	0d - <1w	98 - 115	mmol/L											
	1w - <18y	97 - 110												
	18y - <120y	95 - 110												
Anion Gap		7 – 17	mmol/L											
Glucose	0h - <3d	2.6 – 5.4	mmol/L	Haemoglobin (Hb) Calculated test	0d - <1w	135 – 195	g/L							
	3d - <120y	3.0 – 5.4			1w - <5w	100 - 170								
	Pregnancy	3.0 – 5.0			5w - <6m	95 - 140								
Ionised Calcium	0d - <3d	1.00 – 1.35	mmol/L			6m - <2y		105 - 140						
	3d - <7d	1.10 – 1.40			2y - <6y	110 - 145								
	7d - <28d	1.12 – 1.42			6y - <12y	115 - 155								
	28d - <1y	1.15 – 1.40			M 12y - <18y	125 – 170								
	1y - <2y	1.12 – 1.35			F12y - <18y	120 - 155								
	2y - <120y	1.12 – 1.32			M18y - <120y	135 - 180								
					F 18y - <120y	115 - 160								
					Pregnancy	110 - 146								
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