


GAS-ISE Level 3 Value Sheet

Product Name : GAS-ISE
 Reference number : REF 013.003.010
 Lot number : LOT 13-3-B725
 Expiry date :  2020-06

		IL		Radiometer						Roche		Siemens					
		GEM Series		ABL-5		ABL-500, 600 series		ABL-700, 800 series		AVL OMNI/Cobas b		248 / 348		Rapidpoint 400/405		Rapidlab 800	
		Target	Range	Target	Range	Target	Range	Target	Range	Target	Range	Target	Range	Target	Range	Target	Range
pH	1	7.670	7.639 - 7.701	7.623	7.593 - 7.653	7.623	7.593 - 7.653	7.609	7.579 - 7.639	7.596	7.566 - 7.626	7.626	7.595 - 7.657	7.635	7.604 - 7.666	7.646	7.615 - 7.677
pCO ₂	kPa	2.08	1.94 - 2.22	2.25	2.11 - 2.40	2.35	2.19 - 2.50	2.28	2.13 - 2.43	2.41	2.26 - 2.57	2.39	2.23 - 2.54	2.15	2.01 - 2.29	2.17	2.03 - 2.31
pCO ₂	mmHg	15.6	14.6 - 16.6	16.9	15.8 - 18.0	17.6	16.5 - 18.7	17.1	16.0 - 18.2	18.1	16.9 - 19.3	17.9	16.7 - 19.1	16.1	15.1 - 17.1	16.3	15.2 - 17.4
pO ₂	kPa	18.20	17.20 - 19.20	17.87	16.88 - 18.85	18.17	17.17 - 19.17	18.40	17.39 - 19.41	19.65	18.57 - 20.73	16.81	15.89 - 17.74	17.80	16.82 - 18.78	17.09	16.15 - 18.03
pO ₂	mmHg	136.5	129.0 - 144.0	134.0	126.6 - 141.4	136.3	128.8 - 143.8	138.0	130.4 - 145.6	147.4	139.3 - 155.5	126.1	119.2 - 133.0	133.5	126.2 - 140.8	128.2	121.1 - 135.3

		Weighed in values		Roche Cobas C111		Bloodgas instruments*	
		Target	Range	Target	Range	Target	Range
Na	mmol/L	160.0	157.0 - 163.0	-	- - -	154	149 - 159
K	mmol/L	7.00	6.70 - 7.30	-	- - -	6.6	6.3 - 6.9
Li	mmol/L	1.20	1.15 - 1.25	-	- - -	-	- - -
Cl	mmol/L	120.0	117.0 - 123.0	-	- - -	118	113 - 123
Ca ⁺⁺	mmol/L	n.a.	n.a. - n.a.	-	- - -	0.64	0.55 - 0.73
tCa	mmol/L	0.68	0.63 - 0.73	0.63	0.59 - 0.66	-	- - -
tMg	mmol/L	1.50	1.40 - 1.60	1.47	1.36 - 1.58	-	- - -
Glucose	mmol/L	12.50	12.40 - 12.60	12.99	11.56 - 14.42	11.9	10.6 - 13.2
Lactate	mmol/L	1.20	0.90 - 1.50	1.27	1.13 - 1.41	1.0	0.9 - 1.1
Urea	mmol/L	7.49	7.20 - 7.80	7.32	6.55 - 8.09	-	- - -

* Target ranges are validated on all bloodgas instruments listed in the table above.