


GAS-ISE Level 2 Value Sheet

Product Name : GAS-ISE
 Reference number : REF 013.002.010
 Lot number : LOT 13-2-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	7.452	7.422 - 7.482	7.425	7.395 - 7.455	7.425	7.395 - 7.455	7.411	7.381 - 7.441	7.420	7.390 - 7.450	7.433	7.403 - 7.463	7.427	7.397 - 7.457	7.447	7.417 - 7.477
pCO2	kPa	4.69	4.39 - 5.00	4.73	4.43 - 5.04	4.80	4.49 - 5.11	4.80	4.49 - 5.11	5.01	4.69 - 5.34	4.96	4.64 - 5.28	4.96	4.64 - 5.28	4.67	4.36 - 4.97
pCO2	mmHg	35.2	32.9 - 37.5	35.5	33.2 - 37.8	36.0	33.7 - 38.3	36.0	33.7 - 38.3	37.6	35.2 - 40.0	37.2	34.8 - 39.6	37.2	34.8 - 39.6	35.0	32.7 - 37.3
pO2	kPa	13.40	12.46 - 14.34	12.55	11.67 - 13.42	13.24	12.31 - 14.17	14.03	13.04 - 15.01	16.16	15.03 - 17.29	11.71	10.89 - 12.53	13.57	12.62 - 14.52	12.32	11.46 - 13.18
pO2	mmHg	100.5	93.5 - 107.5	94.1	87.5 - 100.7	99.3	92.3 - 106.3	105.2	97.8 - 112.6	121.2	112.7 - 129.7	87.8	81.7 - 93.9	101.8	94.7 - 108.9	92.4	85.9 - 98.9

		Weighed in values		Roche Cobas C111		Bloodgas instruments*	
		Target	Range	Target	Range	Target	Range
Na	mmol/L	140.0	137.0 - 143.0	-	- - -	134	130 - 138
K	mmol/L	4.50	4.20 - 4.80	-	- - -	4.3	4.1 - 4.5
Li	mmol/L	0.80	0.75 - 0.85	-	- - -	-	- - -
Cl	mmol/L	100.4	97.0 - 103.0	-	- - -	97	93 - 101
Ca ⁺⁺	mmol/L	n.a.	n.a. - n.a.	-	- - -	1.36	1.26 - 1.46
tCa	mmol/L	1.72	1.67 - 1.77	1.64	1.54 - 1.74	-	- - -
tMg	mmol/L	0.90	0.80 - 1.00	0.89	0.83 - 0.96	-	- - -
Glucose	mmol/L	6.00	5.90 - 6.10	6.30	5.61 - 6.99	5.9	5.2 - 6.6
Lactate	mmol/L	3.00	2.70 - 3.30	3.19	2.84 - 3.54	2.7	2.4 - 3.0
Urea	mmol/L	3.33	3.00 - 3.70	3.24	2.90 - 3.58	-	- - -

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