


## GAS-ISE Level 1 Value Sheet

Product Name : GAS-ISE  
 Reference number : REF 013.001.010  
 Lot number : LOT 13-1-B722  
 Expiry date :  2020-05

		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	7.220	7.191 - 7.249	7.214	7.185 - 7.243	7.214	7.185 - 7.243	7.199	7.170 - 7.228	7.232	7.203 - 7.261	7.217	7.188 - 7.246	7.206	7.177 - 7.235	7.236	7.207 - 7.265
pCO2	kPa	7.44	6.96 - 7.92	7.33	6.86 - 7.81	7.39	6.91 - 7.87	7.47	6.98 - 7.95	7.79	7.28 - 8.29	7.64	7.14 - 8.14	7.93	7.42 - 8.45	7.31	6.83 - 7.78
pCO2	mmHg	55.8	52.2 - 59.4	55.0	51.4 - 58.6	55.4	51.8 - 59.0	56.0	52.4 - 59.6	58.4	54.6 - 62.2	57.3	53.6 - 61.0	59.5	55.6 - 63.4	54.8	51.2 - 58.4
pO2	kPa	8.12	7.23 - 9.01	6.81	6.06 - 7.56	7.80	6.94 - 8.66	9.21	8.20 - 10.23	12.31	11.45 - 13.17	5.39	4.79 - 5.98	8.91	7.93 - 9.89	7.07	6.29 - 7.84
pO2	mmHg	60.9	54.2 - 67.6	51.1	45.5 - 56.7	58.5	52.1 - 64.9	69.1	61.5 - 76.7	92.3	85.8 - 98.8	40.4	36.0 - 44.8	66.8	59.5 - 74.1	53.0	47.2 - 58.8

		Weighed in values		Roche Cobas C111		Bloodgas instruments*	
		Target	Range	Target	Range	Target	Range
Na	mmol/L	120.0	117.0 - 123.0	-	- - -	114	111 - 117
K	mmol/L	3.00	2.70 - 3.30	-	- - -	2.9	2.8 - 3.0
Li	mmol/L	0.50	0.45 - 0.55	-	- - -	-	- - -
Cl	mmol/L	80.8	77.0 - 83.0	-	- - -	77	74 - 80
Ca <sup>++</sup>	mmol/L	n.a.	n.a. - n.a.	-	- - -	1.88	1.74 - 2.02
tCa	mmol/L	2.52	2.47 - 2.57	2.38	2.23 - 2.52	-	- - -
tMg	mmol/L	0.50	0.40 - 0.60	0.52	0.48 - 0.56	-	- - -
Glucose	mmol/L	3.00	2.90 - 3.10	3.04	2.71 - 3.38	3.1	2.8 - 3.4
Lactate	mmol/L	7.50	7.20 - 7.80	7.67	6.83 - 8.52	6.4	5.7 - 7.1
Urea	mmol/L	0.83	0.50 - 1.10	0.71	0.64 - 0.79	-	- - -

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