

## GAS-ISE Level 3 Value Sheet

Product Name : GAS-ISE  
 Reference number : REF 013.003.010  
 Lot number : LOT 13-3-B722  
 Expiry date : 📅 2020-05

	IL		Radiometer						Roche		Siemens					
			GEM Series		ABL-5		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
pH	1	7.677	7.646 - 7.708	7.629	7.598 - 7.660	7.629	7.598 - 7.660	7.629	7.598 - 7.660	7.602	7.572 - 7.632	7.641	7.610 - 7.672	7.652	7.621 - 7.683	
pCO2		2.00	1.76 - 2.24	2.17	2.03 - 2.31	2.27	2.12 - 2.41	2.20	2.06 - 2.34	2.33	2.18 - 2.49	2.05	1.92 - 2.19	2.09	1.96 - 2.23	
pCO2		15.0	13.2 - 16.8	16.3	15.2 - 17.4	17.0	15.9 - 18.1	16.5	15.4 - 17.6	17.5	16.4 - 18.6	15.4	14.4 - 16.4	15.7	14.7 - 16.7	
pO2		18.39	17.38 - 19.40	18.04	17.05 - 19.03	18.36	17.35 - 19.37	18.57	17.55 - 19.59	19.79	18.70 - 20.87	17.97	16.98 - 18.96	17.28	16.33 - 18.23	
pO2		137.9	130.3 - 145.5	135.3	127.9 - 142.7	137.7	130.1 - 145.3	139.3	131.6 - 147.0	148.4	140.2 - 156.6	134.8	127.4 - 142.2	129.6	122.5 - 136.7	

	Weighed in values		Roche Cobas C111		Bloodgas instruments*		
	Target	Range	Target	Range	Target	Range	
Na	mmol/L	160.0	157.0 - 163.0	-	-	153	148 - 158
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	0.62	0.58 - 0.66	-	-
tMg	mmol/L	1.50	1.40 - 1.60	1.46	1.35 - 1.57	-	-
Glucose	mmol/L	12.50	12.40 - 12.60	12.59	11.21 - 13.98	11.8	10.5 - 13.1
Lactate	mmol/L	1.20	0.90 - 1.50	1.22	1.09 - 1.36	1.1	1.0 - 1.2
Urea	mmol/L	7.49	7.20 - 7.80	7.15	6.40 - 7.90	-	-

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