

GAS-ISE Level 2 Value Sheet

Product Name : GAS-ISE
 Reference number : REF 013.002.010
 Lot number : LOT 13-2-B722
 Expiry date : 📅 2020-05

	IL		Radiometer													
			ABL-500, 600 series				ABL-700, 800 series				Roche		Siemens			
			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	7.449	7.419 - 7.479	7.422	7.392 - 7.452	7.422	7.392 - 7.452	7.408	7.378 - 7.438	7.417	7.387 - 7.447	7.424	7.394 - 7.454	7.445	7.415 - 7.475	
pCO2		4.72	4.41 - 5.03	4.76	4.45 - 5.07	4.83	4.51 - 5.14	4.83	4.51 - 5.14	5.04	4.71 - 5.37	4.99	4.66 - 5.31	4.69	4.39 - 5.00	
pCO2		35.4	33.1 - 37.7	35.7	33.4 - 38.0	36.2	33.8 - 38.6	36.2	33.8 - 38.6	37.8	35.3 - 40.3	37.4	35.0 - 39.8	35.2	32.9 - 37.5	
pO2		13.09	12.18 - 14.01	12.27	11.41 - 13.13	12.92	12.02 - 13.82	13.75	12.78 - 14.71	15.93	14.82 - 17.05	13.31	12.38 - 14.24	12.03	11.18 - 12.87	
pO2		98.2	91.3 - 105.1	92.0	85.6 - 98.4	96.9	90.1 - 103.7	103.1	95.9 - 110.3	119.5	111.1 - 127.9	99.8	92.8 - 106.8	90.2	83.9 - 96.5	

	Weighed in values		Roche Cobas C111		Bloodgas instruments*		
	Target	Range	Target	Range	Target	Range	
Na	mmol/L	140.0	137.0 - 143.0	-	- -	133	129 - 137
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.	-	- -	1.35	1.25 - 1.45
iCa	mmol/L	1.72	1.67 - 1.77	1.60	1.51 - 1.70	-	- -
iMg	mmol/L	0.90	0.80 - 1.00	0.90	0.83 - 0.97	-	- -
Glucose	mmol/L	6.00	5.90 - 6.10	6.07	5.40 - 6.74	6.0	5.3 - 6.7
Lactate	mmol/L	3.00	2.70 - 3.30	3.07	2.73 - 3.41	2.8	2.5 - 3.1
Urea	mmol/L	3.33	3.00 - 3.70	3.11	2.78 - 3.43	-	- -

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