

**MISSION Trinity R CONTROL™**  
 Blood Gas, Electrolyte, Metabolite, CO-Oximeter  
 (Radiometer) Control  
 Level 1  
 PN: DD-97001D

LOT: R7C103  
 Exp: 2010/02

Expected Ranges Chart

Blood Gas Analyzers	pH			pCO <sub>2</sub> mmHg			pO <sub>2</sub> mmHg			Na <sup>+</sup> mmol/L			K <sup>+</sup> mmol/L			Ca <sup>++</sup> mmol/L			Cl <sup>-</sup> mmol/L			Glucose mg/dL			Lactate mmol/L				
	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max		
<b>Radiometer</b>																													
ABL 3, 30	7.134	7.104	7.164	65	58	72	60	51	69																				
ABL 300, 330	7.134	7.104	7.164	65	58	72	59	50	68																				
ABL 5	7.12	7.09	7.15	67	60	74	53	43	63																				
ABL 50, 500, 510, 520	7.090	7.060	7.120	78	71	85	68	58	78																				
ABL 505	7.114	7.084	7.144	65	58	72	64	54	74	117	112	122	3.34	2.84	3.84	1.76	1.53	1.99											
ABL 555	7.105	7.075	7.135	65	58	72	64	54	74	117	112	122	3.34	2.84	3.84	1.76	1.53	1.99											
ABL 600, 605, 610, 615, 620, 625	7.114	7.084	7.144	66	59	73	64	54	74	117	112	122	3.34	2.84	3.84	1.76	1.53	1.99	73	68	78	35	30	40	6.3	5.6	7.0		
<b>Ciba-Corning/Bayer</b>																													
238	7.12	7.10	7.15	66	58	74	64	54	74																				
248	7.124	7.094	7.154	65	57	73	46	36	56																				
348	7.124	7.094	7.154	65	57	73	49	39	59																				
278	7.124	7.094	7.154	66	59	73	60	50	70																				
840, 850	7.134	7.104	7.164	68	61	75	51	41	61																				
<b>IL</b>																													
1304, 1306, 1312	7.11	7.08	7.14	61	54	68	55	46	64																				
BG3	7.11	7.08	7.14	64	57	71	56	47	65																				
BGE	7.11	7.08	7.14	65	58	72	55	46	64																				
<b>AVL Scientific</b>																													
945, 947	7.09	7.06	7.12	66	58	74	69	58	80																				
990, 995	7.09	7.06	7.12	66	58	74	67	57	77																				
Compact Series	7.09	7.06	7.12	66	58	74	67	57	77																				

CO-oximeters	tHb g/dL			O2Hb %			HbO2Sat(sO2) %			COHb %			MetHb %			O2Ct %			RHb (HHb) %		
	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
<b>Radiometer</b>																					
OSM3	7.9	6.4	9.4	35.8	32.8	38.8	37.9	34.9	40.9	6	3.5	8.5	5.6	3.6	7.6	3.8	2.3	5.3			
ABL 510, 520, 610, 615, 620, 625	7.9	6.4	9.4	35.3	32.3	38.3	37.4	34.4	40.4	6.5	4	9	5.6	3.6	7.6				54	49	59

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