MISSION CONTROL™

Blood Gas and Electrolyte Control

Level 1

PN: DD-92001D

LOT: MC-1014
Exp: 2011/02

Expected Ranges Chart

Blood Gas/ISE Analyzers	pH Mean	pH Min - Max	pCO_2 mmHg Mean	pCO_2 mmHg Min - Max	pO_2 mmHg Mean	pO_2 mmHg Min - Max	Na^+ mmol/L Mean	Na^+ mmol/L Min - Max	K^+ mmol/L Mean	K^+ mmol/L Min - Max	Ca^{++} mmol/L Mean	Ca^{++} mmol/L Min - Max	Cl^- mmol/L Mean	Cl^- mmol/L Min - Max	Li^+ mmol/L Mean	Li^+ mmol/L Min - Max	tCO_2 mmol/L Mean	tCO_2 mmol/L Min - Max
AVL Scientific																		
945, 947	7.092	7.035 - 7.149	82	72 - 92	77	63 - 91												
990, 995	7.092	7.035 - 7.149	82	72 - 92	75	62 - 89												
Compact Series	7.092	7.035 - 7.149	82	72 - 92	75	62 - 89												
982, 983, 985							116	111 - 122	1.93	1.78 - 2.09			88	81 - 95	0.27	0.23 - 0.30		
986							116	111 - 122	1.93	1.78 - 2.09			88	81 - 95			25	21 - 29
984, 987	7.112	7.055 - 7.169					116	111 - 122	1.93	1.78 - 2.09	1.77	1.51 - 2.04						
OMNI	7.112	7.055 - 7.169	83	73 - 93	58	48 - 69	116	111 - 122	1.93	1.78 - 2.09	1.77	1.51 - 2.04	88	81 - 95				
9110, 9140	7.112	7.055 - 7.169					112	106 - 117	1.93	1.78 - 2.09	1.83	1.56 - 2.11						
9120, 9130							111	106 - 117	2.03	1.87 - 2.20			86	79 - 92				
9180, 9181							111	106 - 117	2.03	1.87 - 2.20	1.83	1.56 - 2.11	81	74 - 87	0.31	0.27 - 0.34		
Ciba-Corning/Bayer																		
238	7.12	7.07 - 7.18	82	72 - 92	72	59 - 85												
248	7.122	7.065 - 7.179	75	66 - 84	59	48 - 70												
348	7.122	7.065 - 7.179	81	71 - 91	57	47 - 68	114	109 - 120	1.83	1.68 - 1.98	1.82	1.55 - 2.10	84	78 - 91				
278	7.122	7.065 - 7.179	82	72 - 92	68	56 - 81												
280	7.122	7.065 - 7.179	82	72 - 92	68	56 - 81												
288	7.122	7.065 - 7.179	81	71 - 91	64	53 - 76	116	110 - 122	1.63	1.50 - 1.76	1.82	1.55 - 2.10	84	78 - 91				
664							117	111 - 123	1.93	1.78 - 2.08			84	78 - 91			25	21 - 29
614, 644							117	111 - 123	1.93	1.78 - 2.08			84	78 - 91				
634	7.13	7.07 - 7.19									1.79	1.52 - 2.06						
654							117	111 - 123	1.93	1.78 - 2.08					0.27	0.23 - 0.30		
800 Series*	7.132	7.075 - 7.189	78	68 - 87	65	53 - 77	113	107 - 118	1.83	1.68 - 1.98	1.73	1.47 - 1.99	80	74 - 87				
Rapid 400, 405	7.132	7.075 - 7.189	84	74 - 94	62	51 - 73	114	108 - 120	1.83	1.68 - 1.98	1.73	1.47 - 1.99	80	74 - 87				
Diamond																		
GEMLYTE							112	106 - 118	2.01	1.85 - 2.17	1.81	1.54 - 2.08	79	72 - 85	0.30	0.27 - 0.34		
PROLYTE							116	110 - 121	1.94	1.79 - 2.10			77	71 - 83				
IL																		
1304, 1306, 1312	7.112	7.055 - 7.169	77	68 - 86	63	52 - 75												
BG3	7.112	7.055 - 7.169	80	70 - 90	64	53 - 76												
BGE	7.112	7.055 - 7.169	81	71 - 91	63	52 - 75	117	111 - 123	1.83	1.68 - 1.98	1.71	1.46 - 1.97	88	81 - 95				
1610, 1620	7.112	7.055 - 7.169	83	73 - 93	61	50 - 72												
1630, 1640, 1650	7.112	7.055 - 7.169	83	73 - 93	61	50 - 72	118	112 - 124	1.93	1.78 - 2.08	1.69	1.44 - 1.95	88	81 - 95				
Synthesis 10, 15, 20, 25	7.112	7.055 - 7.169	78	68 - 87	63	52 - 75	118	112 - 124	1.90	1.75 - 2.05	1.69	1.44 - 1.95	88	81 - 95				
GEM Premier	7.108	7.051 - 7.165	80	70 - 89	68	56 - 81	122	116 - 128	1.93	1.78 - 2.08	1.71	1.46 - 1.97						
GEM 3000	7.108	7.051 - 7.165	80	70 - 89	68	56 - 81	122	116 - 128	1.93	1.78 - 2.08	1.71	1.46 - 1.97						
ITC																		
IRMA TRUpoint	7.13	7.07 - 7.19	81	71 - 91	70	58 - 83												
NOVA																		
Electrolyte Systems	7.132	7.075 - 7.189					118	113 - 124	2.13	1.96 - 2.30	2.28	1.94 - 2.62	90	82 - 97	0.29	0.25 - 0.32	27	23 - 31
Stat Profile 1-5	7.142	7.085 - 7.199	80	70 - 90	66	54 - 78	117	112 - 123	2.03	1.87 - 2.19	1.74	1.48 - 2.00	85	78 - 91				
Osmetech																		
Opti 1	7.15	7.09 - 7.21	81	71 - 91	72	59 - 85												
Opti CCA	7.15	7.09 - 7.21	81	71 - 91	75	62 - 89	114	108 - 119	1.83	1.68 - 1.98	1.73	1.47 - 1.99	80	74 - 87				
Radiometer																		
ABL 3, 30	7.132	7.075 - 7.189	80	70 - 90	68	56 - 81												
ABL 300, 330	7.132	7.075 - 7.189	80	70 - 90	67	55 - 80												
ABL 5	7.10	7.045 - 7.159	75	66 - 84	63	52 - 74												
ABL, 50, 500, 510, 520	7.112	7.055 - 7.169	75	66 - 84	75	62 - 89												
ABL 505	7.112	7.055 - 7.169	80	70 - 90	72	59 - 85	117	112 - 123	1.93	1.78 - 2.08	1.89	1.61 - 2.17						
ABL 555	7.096	7.039 - 7.152	75	66 - 84	72	59 - 85	118	112 - 124	1.92	1.77 - 2.08	1.89	1.61 - 2.18						
ABL 600, 610, 620	7.112	7.055 - 7.169	81	71 - 91	72	59 - 85	117	112 - 123	1.93	1.78 - 2.08	1.89	1.61 - 2.17	80	73 - 86				
ABL 70, 77	7.13	7.07 - 7.18	84	74 - 94	65	53 - 77	120	114 - 126	2.01	1.85 - 2.17	2.03	1.73 - 2.34	85	78 - 92				
EML-100	7.112	7.055 - 7.169	81	71 - 91	70	58 - 83	120	114 - 126	1.93	1.78 - 2.08	1.89	1.61 - 2.17	80	73 - 86				
ABL 700 Series**							117	112 - 123	1.93	1.78 - 2.08	1.90	1.62 - 2.19	80	73 - 86				
i-STAT																		
BG, E+	7.112	7.055 - 7.169	81	71 - 91	75	62 - 89	117	112 - 123	1.93	1.78 - 2.08	1.73	1.47 - 1.98	91	83 - 98				
Medica, ILyte, Menarini																		
EasyLyte Na/K, Na/K/Cl, Na/K/Li, Na/K/Cl/Li	7.111	7.054 - 7.168					119	113 - 124	2.08	1.91 - 2.25	2.17	1.84 - 2.50	85	78 - 92	0.28	0.24 - 0.31		

*Includes 840, 845, 850, 855, 860, 865 Analyzers **Includes 705, 710, 715, 720, 725

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