

Expected Ranges Char

Expected Ranges Chart			pH			pCO ₂ mmHg			pO ₂ mmHg			Na ⁺ mmol/L			K ⁺ mmol/L			Ca ⁺⁺ mmol/L			Ca ⁺⁺ mg/dL			Cl ⁻ mmol/L			Li ⁺ mmol/L			tCO ₂ mmol/L		
Blood Gas/ISE Analyzer	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	Mean	Min Max	Mean	Min Max	Mean	Min Max	Mean	Min Max	Mean	Min Max	Mean	Min Max		
AADEE SA µGases	*7.307	*7.248 - *7.366	*46.7	*40.7 - *52.7	*137	*119 - *155																										
AADEE SA pise																																
AADEE SA RUMI BG	*7.31	*7.25 - *7.36	*42.6	*36.6 - *48.6	*127	*109 - *145																										
Caretum XI-921	7.58	7.49 - 7.67																														
CMD CMDlyte																																
CMD CMDlyte Plus																																
Convergent ISE/BG	7.33	7.27 - 7.39	45.1	39.1 - 51.1	149	131 - 167	132	125 - 139	3.68	3.38 - 3.98	0.85	0.69 - 1.00	3.42	2.76 - 4.00	91	83 - 99	1.16	1.03 - 1.29														
Cormay Corlyte Analyzer																																
Comley AFT-400, 500 Series	7.16	7.10 - 7.22																														
Diamond CARELYTE																																
Diamond CARELYTE PLUS																																
Diamond PROLYTE																																
Diamond SMARTLYTE, GEMLYTE																																
Diamond SMARTLYTE PLUS																																
Diamond UNITY																																
Eiba Mannheim, EC 90																																
Eschweiler Combline	7.306	7.247 - 7.364	36.6	30.7 - 42.5	151	133 - 169	136	129 - 142	4.12	3.79 - 4.45	0.98	0.82 - 1.15	3.94	3.28 - 4.60	98	89 - 106	0.98	0.85 - 1.12														
Eschweiler Combisys II	7.306	7.247 - 7.364	33.3	27.4 - 39.2	152	134 - 169	136	129 - 142	4.12	3.79 - 4.45	0.98	0.82 - 1.15	3.94	3.28 - 4.60	98	89 - 106	0.98	0.85 - 1.12														
Eschweiler ECOLYTE																																
Eschweiler ECOSYS II	7.306	7.247 - 7.364	33.3	27.4 - 39.2	152	134 - 169	129	122 - 136	4.09	3.75 - 4.43	0.91	0.83 - 1.15	3.96	3.32 - 4.60	90	81 - 98	0.86	0.72 - 0.99														
Heigalyte Plus																																
Honiba Yumizen E100																																
IDEXX VetLyte																																
IL 1610, 1620	7.283	7.224 - 7.341	48.3	42.4 - 54.2	123	105 - 140	144	129 - 159	4.24	3.85 - 4.63	0.97	0.85 - 1.09	3.86	3.40 - 4.36	104	92 - 116																
IL 1630, 1640, 1650	7.283	7.224 - 7.341	48.3	42.4 - 54.2	121	104 - 138	132	125 - 138	3.67	3.36 - 3.98	0.93	0.77 - 1.10	3.72	3.08 - 4.40	93	85 - 102																
IL BG	7.283	7.224 - 7.341	48.3	42.4 - 54.2	121	104 - 138	130	123 - 136	3.67	3.36 - 3.98	0.93	0.77 - 1.10	3.72	3.08 - 4.40	93	85 - 102																
IL Gem Premier, 3000, 3500	7.356	7.297 - 7.415	42.1	36.1 - 48.1	142	124 - 160	133	127 - 140	3.78	3.47 - 4.10	0.99	0.82 - 1.16	3.98	3.28 - 4.64																		
IL Gem Premier, 4000	7.346	7.287 - 7.405	42.1	36.1 - 48.1	146	128 - 164	130	123 - 137	4.18	3.87 - 4.50	1.02	0.85 - 1.19	4.10	3.40 - 4.76	93	85 - 102																
IL Gem Premier, 5000	7.297	7.238 - 7.356	42.5	37.5 - 49.5	123	105 - 141	127	120 - 134	3.88	3.57 - 4.20	0.97	0.80 - 1.14	3.90	3.20 - 4.56	94	86 - 103																
IL Ilyte	7.315	7.256 - 7.374	43.5	37.5 - 49.5	123	105 - 141	134	127 - 141	3.99	3.66 - 4.33	1.04	0.86 - 1.22	4.16	3.44 - 4.88	93	85 - 101	1.12	0.99 - 1.26														
IL Synthesis 10, 15, 20, 25, 30, 35, 40, 45	7.283	7.224 - 7.341	44.3	38.9 - 49.7	128	109 - 146	132	125 - 138	3.63	3.33 - 3.94	0.93	0.77 - 1.10	3.72	3.08 - 4.40	94	86 - 102																
Intherma S-Lyte																																
ITC IRMA TRUpoint	7.31	7.25 - 7.37	47.9	42.1 - 53.8	131	112 - 150	126	119 - 133	3.78	3.44 - 4.12	1.02	0.85 - 1.19	4.08	3.40 - 4.76	91	83 - 99	0.97	0.77 - 1.17														
Max Ion	7.16	7.10 - 7.22																														
Medica EasyBloodGas	7.33	7.27 - 7.39	45.1	39.1 - 51.1	145	127 - 163	136	129 - 143	3.99	3.66 - 4.33	1.02	0.83 - 1.15	4.29	3.96 - 5.32	90	81 - 98	0.86	0.72 - 0.99														
Medica EasyElectrolytes																																
Medica EasyLyte Na/K, Na/KCl, Na/K/Li, Na/K/C/Li, Na/K/pH/Ca	7.315	7.256 - 7.374																														
Medica EasyStat	7.33	7.27 - 7.39	45.1	39.1 - 51.1	149	131 - 167	132	125 - 139	3.68	3.38 - 3.98	0.85	0.69 - 1.00	3.42	2.76 - 4.00	89	81 - 97	1.16	1.03 - 1.29														
Medica ISE Module																																
MH Lab-ISE																																
MH Lab-ISE Plus																																
Nova Electrolyte Systems	7.293	7.234 - 7.342																														
Nova Stat Profile Systems	7.293	7.234 - 7.342	48.3	42.4 - 54.2	118	101 - 134	133	126 - 139	3.97	3.64 - 4.31	0.89	0.73 - 1.05	3.56	2.92 - 4.20	93	85 - 102	1.09	0.96 - 1.23	40	36 - 44												
Nova pHox Series	7.341	7.316 - 7.366	38.9	33.9 - 43.9	138	132 - 144	130	126 - 134	4.01	3.76 - 4.26	0.92	0.84 - 1.00	3.68	3.36 - 4.00	85	81 - 90																
OptiMedical Opti 1	7.35	7.29 - 7.41	46.9	41.1 - 52.6	124	106 - 141	130	126 - 134	3.97	3.64 - 4.31	0.89	0.73 - 1.05	3.56	2.92 - 4.20	93	85 - 102																
OptiMedical Opti CCA	7.35	7.29 - 7.41	47.9	42.0 - 53.7	122	105 - 139	135	129 - 142	4.01	3.68 - 4.35	0.84	0.68 - 0.99	3.36	2.72 - 3.96	97	88 - 105																
OptiMedical LION	7.31	7.24 - 7.38																														
OptiMedical R	7.34	7.28 - 7.40	49.9	44.0 - 55.7	131	114 - 148	136	130 - 143	4.11	3.78 - 4.45	0.88	0.73 - 1.03	3.52	2.92 - 4.12																		
Radiometer ABL 5	7.30	7.24 - 7.36	41.0	35.0 - 47.0	127	110 - 144																										
Radiometer ABL 50, 500, 505, 510, 520	7.297	7.238 - 7.356	41.6	36.6 - 46.6	148	129 - 167	131	124 - 137	3.86	3.52 - 4.20	0.93	0.77 - 1.09	3.72	3.08 - 4.36																		
Radiometer ABL 555	7.294	7.235 - 7.353	42.0	36.0 - 48.0	146	128 - 164	135	128 - 142	3.86	3.53 - 4.18	0.93	0.77 - 1.09	3.72	3.08 - 4.36																		
Radiometer ABL 70, 77	7.298	7.239 - 7.357	47.3	41.5 - 53.1	121	104 - 138	134	127 - 141	3.96	3.63 - 4.29	0.90	0.74 - 1.06	3.60	2.96 - 4.24	90	82 - 98																
Radiometer ABL 600, 610, 620, EML-100	7.283	7.224 - 7.342	46.0	40.4 - 51.6	125	107 - 142	133	126 - 139	3.99	3.67 - 4.31	1.05	0.89 - 1.23	4.19	3.56 - 4.92	88	80 - 96																
Radiometer ABL 705, 710, 715, 720, 725	7.283	7.224 - 7.342	48.3	42.4 - 54.2	120	103 - 136	131	124 - 137	3.87	3.55 - 4.20	0.93	0.77 - 1.09	3.72	3.08 - 4.36	91	83 - 99																
Radiometer ABL 805, 810, 815, 825, 830, 835	7.281	7.222 - 7.340	47.3	41.4 - 53.2	121	104 - 138	131	124 - 137	3.87	3.55 - 4.20	0.93	0.77 - 1.09	3.72	3.08 - 4.36	93	85 - 101																
Radiometer ICA/KNA 1	7.283	7.224 - 7.342	48.3	42.4 - 54.2	120	103 - 136	131	124 - 137	3.87	3.55 - 4.20	0.93	0.77 - 1.09	3.72	3.08 - 4.36																		
Roche/AVL 900 Series	7.273	7.214 - 7.332	48.3	42.4 - 54.2	128	111 - 144	136	129 - 142	4.07	3.73 - 4.42	0.91	0.75 - 1.07	3.64	3.00 - 4.																		

* For Select Customers, not available in the United States