





Expected Ranges Chart	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			Ca <sup>++</sup> mg/dL			Cl <sup>-</sup> mmol/L			Li <sup>+</sup> mmol/L			tCO <sub>2</sub> 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	Mean	Min	Max	Mean	Min	Max
<b>Blood Gas/ISE Analyzer</b>	7.134	7.077	7.191	71.7	62.5	80.9	106	93.6	125.0	118	107	124	2.20	1.90	2.40	2.14	1.85	2.42	8.56	7.40	9.68	75	68	82									
AADEE SA μGases																																	
AADEE SA μISE																																	
AADEE SA RUMI BG	7.170	7.110	7.230	70.0	60.0	80.0	99.0	86.0	116.0																								
Abbott I-Stat BG, E+	7.141	7.084	7.197	76.5	66.7	86.2	93.6	80.1	111.5	115	105	121	1.87	1.60	2.03	1.98	1.72	2.24	7.91	6.88	8.96	89	81	96									
Alere EPOC	7.141	7.084	7.197	76.5	66.7	86.2	93.6	80.1	111.5	115	105	121	1.87	1.60	2.03	1.98	1.72	2.24	7.91	6.88	8.96	89	81	96									
Convergent ISE/BG	7.13	7.07	7.18	68.6	58.6	78.6	93.3	82.3	108.6	112	101	118	1.90	1.62	2.06	2.13	1.80	2.46	8.51	7.20	9.84	80	73	87	0.23	0.19	0.27						
Cormay Corlyte Analyzer										105	94	111	1.81	1.53	1.97	2.16	1.89	2.43	8.64	7.56	9.72	72	65	79	0.24	0.20	0.28						
Cornley AFT-400, 500 Series	7.00	6.94	7.06							113	102	119	2.08	1.81	2.23	2.66	2.40	2.92	10.64	9.60	11.68	75	68	82	0.26	0.22	0.30						
Diamond CARELYTE										117	106	123	1.97	1.69	2.13	2.19	1.90	2.48	8.76	7.60	9.92	83	76	90	0.26	0.22	0.30						
Diamond CARELYTE PLUS										118	107	124	2.24	1.96	2.40	2.27	1.98	2.56	9.08	7.92	10.24	82	75	89	0.33	0.29	0.37						
Diamond PROLYTE										111	100	117	1.81	1.53	2.13	2.38	2.09	2.67	9.52	8.36	10.68	79	72	86	0.22	0.18	0.26						
Diamond SMARTLYTE, GEMLYTE										105	94	111	1.81	1.53	1.97	2.16	1.89	2.43	8.64	7.56	9.72	72	65	79	0.24	0.20	0.28						
Diamond SMARTLYTE PLUS										103	92	109	2.22	1.94	2.38	2.25	1.98	2.52	9.00	7.92	10.08	72	65	79	0.36	0.32	0.40						
Diamond UNITY										109	98	115	1.77	1.49	1.93							70	63	77									
Eschwiler Combline	7.141	7.084	7.197	79.8	70.0	89.5	89.7	76.2	107.6	115	104	121	2.06	1.79	2.22	2.37	2.11	2.63	9.47	8.44	10.52	80	73	87	0.44	0.40	0.48						
Eschwiler Combisys II	7.144	7.087	7.200	74.8	65.0	84.5	91.7	78.2	109.6	115	104	121	2.06	1.79	2.22	2.37	2.11	2.63	9.47	8.44	10.52	82	75	89	0.44	0.40	0.48						
Eschwiler ECOLYTE										114	103	120	2.06	1.79	2.22	2.37	2.11	2.63	9.47	8.44	10.52	82	75	89	0.44	0.40	0.48						
Eschwiler ECOSYS II	7.146	7.089	7.202	74.8	65.0	84.5	91.7	78.2	109.6																								
Fresenius Ionometer										110	99	116	1.93	1.65	2.09	2.11	1.84	2.38	8.43	7.36	9.52												
IDEXX VetLyte										113	102	119	2.26	1.98	2.42							85	77	93									
IL 1600 Series	7.141	7.084	7.197	78.5	68.5	88.4	79.6	68.6	95.0	116	105	122	1.87	1.60	2.03	1.95	1.69	2.20	7.79	6.76	8.80	86	79	93									
IL BGE	7.141	7.084	7.197	76.5	66.7	86.2	81.6	70.2	97.3	115	104	121	1.77	1.51	1.92	1.97	1.71	2.22	7.87	6.84	8.88	86	79	93									
IL Gem Premier, 3000	7.134	7.077	7.191	68.6	59.6	78.6	97.3	85.3	113.6	112	101	118	1.87	1.60	2.03	2.11	1.85	2.37	8.43	7.40	9.48												
IL Gem Premier, 4000	7.124	7.067	7.181	64.6	55.6	74.6	101.3	89.3	117.6	110	99	116	2.00	1.72	2.16	2.13	1.87	2.39	8.51	7.48	9.56	80	73	87									
IL iLyte	7.140	7.083	7.196							117	106	122	2.02	1.74	2.19	2.42	2.09	2.74	9.67	8.36	10.96	83	76	90	0.23	0.20	0.27						
IL Synthesis 10, 15, 20, 25, 30, 35, 40, 45	7.141	7.084	7.197	73.0	63.6	82.3	81.7	70.3	97.5	116	105	122	1.84	1.57	1.99	1.99	1.74	2.24	7.95	6.96	8.96	86	79	93									
InSight Electrolyte Analyzer										105	94	111	1.81	1.53	1.97	2.16	1.89	2.43	8.64	7.56	9.72	72	66	78	0.24	0.20	0.28						
Intherma S-Lyte										105	94	111	1.81	1.53	1.97	2.16	1.89	2.43	8.64	7.56	9.72	72	66	78	0.24	0.20	0.28						
ITC IRMA TRUpoint	7.16	7.10	7.21	76.4	66.6	86.1	88.5	75.9	105.5																								
Max Ion	7.00	6.94	7.06							113	102	119	2.08	1.81	2.23	2.66	2.40	2.92	10.64	9.60	11.68	75	68	82	0.26	0.22	0.30						
Medica EasyBloodGas	7.13	7.07	7.18	70.6	60.6	80.6	91.3	80.3	106.6																								
Medica EasyElectrolytes										117	106	122	2.02	1.73	2.19	2.42	2.09	2.74	9.67	8.36	10.96	80	73	86	0.22	0.19	0.26						
Medica EasyLyte Na/K, Na/K/Cl, Na/K/Li, Na/K/Cl/Li, Na/K/pH/Ca	7.140	7.083	7.196							114	103	120	2.07	1.78	2.24	2.42	2.09	2.74	9.67	8.36	10.96	73	66	80	0.23	0.20	0.27						
Medica EasyStat	7.13	7.07	7.18	68.6	58.6	78.6	93.3	82.3	108.6	112	101	118	1.90	1.62	2.06	2.13	1.80	2.46	8.51	7.20	9.84	77	70	84	0.02	0.02	0.02						
Medica ISE Module										119	108	124	2.12	1.83	2.29	2.42	2.09	2.74	9.67	8.36	10.96	83	76	89	0.24	0.21	0.28						
MH Lab-ISE										105	94	111	1.81	1.53	1.97	2.16	1.89	2.43	8.64	7.56	9.72	72	66	78	0.24	0.20	0.28						
Nova Electrolyte Systems	7.161	7.103	7.218							116	106	122	2.07	1.78	2.24	2.54	2.19	2.88	10.15	8.76	11.52	88	80	95	0.25	0.21	0.28	28.4	24.4	32.4			
Nova Stat Profile Systems	7.171	7.113	7.228	75.5	65.8	85.1	84.6	72.7	100.9	115	105	121	1.97	1.69	2.13	2.00	1.74	2.26	7.99	6.96	9.04	83	76	89									
Nova pHox Series	7.178	7.120	7.235	76.4	66.6	86.1	90.5	77.5	107.8	115	105	121	1.97	1.69	2.13	2.00	1.74	2.26	7.99	6.96	9.04	83	76	89									
OptiMedical Opti 1	7.18	7.12	7.23	76.4	66.6	86.1	90.5	77.5	107.8																								
OptiMedical Opti CCA	7.18	7.12	7.23	76.4	66.6	86.1	107.2	93.6	125.0	112	101	117	1.75	1.48	1.90	1.99	1.73	2.25	7.95	6.92	9.00	78	72	85									
OptiMedical LION	7.14	7.07	7.20							100	92	102	1.37	1.20	1.42	1.98	1.71	2.24	7.91	6.84	8.96	81	74	89									
OptiMedical R	7.18	7.12	7.23	77.4	67.3	87.4	100.6	87.4	118.2	109	98	114	1.27	1.00	1.42	1.94	1.67	2.20	7.75	6.68	8.80												
PT Diatron DPLyte										110	99	116	1.85	1.57	2.01	2.16	1.89	2.43	8.64	7.56	9.72	76	70	82	0.24	0.20	0.28						
Radiometer ABL 5	7.17	7.11	7.23	69.1	61.1	77.1	83.9	71.9	100.2																								
Radiometer ABL 50, 500, 505, 510, 520	7.132	7.075	7.189	72.9	63.9	81.9	99.6	86.6	116.9	115	105	121	1.75	1.48	1.91	2.14	1.85	2.42	8.														