



Name	Line No.	Specimen 1			Specimen 2			Specimen 3			Specimen 4			Specimen 5			No. of Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD	Range & Type	Mean	SD	Range & Type	Mean	SD	Range & Type	Mean	SD	
Bicarbonate (Total CO2) - iSTAT																	
Initial Grouping by Reagent																	
Abbott i-STAT CHEM8+	1	18 - 27	P 22.9	0.7	16 - 25	P 20.5	0.8	17 - 26	P 21.7	0.9	14 - 22	C 17.5	0.6	18 - 27	P 22.8	0.7	16
Abbott i-STAT CHEM8+, waived	2	19 - 29	P 24.0	0.8	17 - 26	P 21.3	0.7	18 - 27	P 22.7	0.9	14 - 22	C 17.9	0.6	19 - 28	P 23.6	1.1	9
Initial Grouping by Sensitivity or Principle																	
All i-STAT non-waived	3	18 - 27	P 22.8	0.7	16 - 24	P 20.3	1.1	17 - 26	P 21.6	0.9	13 - 21	C 17.4	0.6	18 - 27	P 22.9	0.8	17
All i-STAT waived	4	19 - 29	P 24.0	0.8	17 - 26	P 21.3	0.7	18 - 27	P 22.7	0.9	14 - 22	C 17.9	0.6	19 - 28	P 23.6	1.1	9
Total Population																	
Whole Population	5	20 - 29	P 24.5	6.8	17 - 25	P 20.8	1.4	18 - 27	P 22.9	5.2	15 - 23	C 19.3	8.8	20 - 29	P 24.4	6.8	27
Chloride - iSTAT																	
Initial Grouping by Reagent																	
Abbott i-STAT CHEM8+	1	73 - 80	P 76.5	0.6	78 - 86	P 81.8	0.5	110 - 122	P 116.3	1.0	95 - 106	P 100.5	0.6	73 - 80	P 76.4	0.6	16
Abbott i-STAT CHEM8+, waived	2	72 - 80	P 76.2	0.6	78 - 86	P 81.8	0.8	110 - 122	P 115.9	0.6	95 - 105	P 100.3	0.5	72 - 80	P 76.0	0.5	9
Initial Grouping by Sensitivity or Principle																	
All i-STAT non-waived	3	73 - 80	P 76.5	0.6	78 - 86	P 81.8	0.5	110 - 122	P 116.3	1.0	95 - 106	P 100.5	0.6	73 - 80	P 76.4	0.6	17
All i-STAT waived	4	72 - 80	P 76.2	0.6	78 - 86	P 81.8	0.8	110 - 122	P 115.9	0.6	95 - 105	P 100.3	0.5	72 - 80	P 76.0	0.5	9
Total Population																	
Whole Population	5	73 - 80	P 76.4	0.6	78 - 86	P 81.8	0.6	110 - 122	P 116.3	1.1	96 - 106	P 100.6	0.7	72 - 80	P 76.2	0.7	27
Creatinine - iSTAT																	
Initial Grouping by Reagent																	
Abbott i-STAT CHEM8+	1	3.2 - 4.4	P 3.8	0.1	1.4 - 2.0	C 1.68	0.08	2.3 - 3.1	P 2.66	0.1	5.6 - 7.6	P 6.61	0.23	3.2 - 4.4	P 3.81	0.12	16
Abbott i-STAT CHEM8+, waived	2	3.2 - 4.3	P 3.76	0.11	1.4 - 2.0	C 1.69	0.06	2.2 - 3.0	P 2.63	0.07	5.6 - 7.5	P 6.53	0.23	3.2 - 4.4	P 3.82	0.08	9
Initial Grouping by Sensitivity or Principle																	
All i-STAT non-waived	3	3.2 - 4.4	P 3.82	0.11	1.4 - 2.0	C 1.68	0.08	2.3 - 3.1	P 2.66	0.09	5.6 - 7.6	P 6.63	0.22	3.2 - 4.4	P 3.82	0.12	18
All i-STAT waived	4	3.2 - 4.4	P 3.79	0.12	1.4 - 2.0	C 1.69	0.07	2.2 - 3.0	P 2.64	0.06	5.6 - 7.6	P 6.61	0.26	3.3 - 4.4	P 3.84	0.09	11
Total Population																	
Whole Population	5	3.2 - 4.4	P 3.81	0.11	1.4 - 2.0	C 1.69	0.07	2.3 - 3.0	P 2.65	0.11	5.6 - 7.6	P 6.63	0.23	3.2 - 4.4	P 3.82	0.13	31
Glucose - iSTAT																	
Initial Grouping by Reagent																	
Abbott i-STAT CHEM8+	1	168 - 205	P 186.8	1.3	114 - 140	P 127.2	1.1	216 - 264	P 240.2	1.8	32 - 44	C 37.6	1.0	168 - 205	P 186.6	1.1	16
Abbott i-STAT CHEM8+, waived	2	167 - 205	P 186.0	1.2	114 - 140	P 127.0	0.8	216 - 264	P 240.0	2.4	32 - 44	C 37.9	0.8	168 - 205	P 186.5	1.2	10
Initial Grouping by Sensitivity or Principle																	
All i-STAT non-waived	3	168 - 205	P 186.8	1.3	114 - 140	P 127.2	1.1	216 - 264	P 240.2	1.8	32 - 44	C 37.6	1.0	168 - 205	P 186.6	1.1	16
All i-STAT waived	4	167 - 205	P 186.0	1.2	114 - 140	P 127.0	0.8	216 - 264	P 240.0	2.4	32 - 44	C 37.9	0.8	168 - 205	P 186.5	1.2	10
Total Population																	
Whole Population	5	168 - 205	P 186.5	1.3	114 - 140	P 127.1	1.0	216 - 264	P 240.0	2.0	32 - 44	C 37.7	0.9	168 - 205	P 186.5	1.1	27
Ionized Calcium - iSTAT																	
Initial Grouping by Reagent																	
Abbott i-STAT CHEM8+	1	1.9 - 2.4	C 2.1	0.0	1.2 - 1.7	C 1.45	0.05	0.4 - 0.9	C 0.6	0.0	2.1 - 2.6	C 2.31	0.04	1.9 - 2.4	C 2.1	0.0	15
Abbott i-STAT CHEM8+, waived	2	1.9 - 2.4	C 2.1	0.0	1.2 - 1.7	C 1.42	0.04	0.4 - 0.9	C 0.6	0.0	2.0 - 2.5	C 2.29	0.06	1.9 - 2.4	C 2.1	0.0	10
Initial Grouping by Sensitivity or Principle																	
All i-STAT non-waived	3	1.9 - 2.4	C 2.1	0.0	1.2 - 1.7	C 1.45	0.05	0.4 - 0.9	C 0.6	0.0	2.1 - 2.6	C 2.31	0.04	1.9 - 2.4	C 2.1	0.0	15
All i-STAT waived	4	1.9 - 2.4	C 2.1	0.0	1.2 - 1.7	C 1.42	0.04	0.4 - 0.9	C 0.6	0.0	2.0 - 2.5	C 2.29	0.06	1.9 - 2.4	C 2.1	0.0	10
Total Population																	

Whole Population	5	2.1 - 2.6	C 2.33	1.21	1.4 - 1.9	C 1.6	0.84	0.4 - 0.9	C 0.66	0.35	2.3 - 2.8	C 2.57	1.35	2.1 - 2.6	C 2.35	1.23	26
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Lactate - iSTAT

Initial Grouping by Reagent

Abbott i-STAT Bld Gas Car	1	3.3 - 5.6	P 4.44	0.07	1.0 - 1.8	P 1.4	0.0	2.4 - 4.0	P 3.17	0.05	3.4 - 5.7	P 4.58	0.12	3.3 - 5.6	P 4.45	0.05	10
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Initial Grouping by Sensitivity or Principle

All i-STAT non-waived	2	3.3 - 5.6	P 4.44	0.07	1.0 - 1.8	P 1.4	0.0	2.4 - 4.0	P 3.17	0.05	3.4 - 5.7	P 4.58	0.12	3.3 - 5.6	P 4.45	0.05	10
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Total Population

Whole Population	3	3.3 - 5.5	P 4.44	0.06	1.0 - 1.7	P 1.39	0.03	2.4 - 4.0	P 3.17	0.04	3.4 - 5.7	P 4.57	0.11	3.3 - 5.6	P 4.45	0.05	11
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Potassium - iSTAT

Initial Grouping by Reagent

Abbott i-STAT CHEM8+	1	2.2 - 3.2	C 2.73	0.05	3.6 - 4.6	C 4.13	0.04	6.1 - 7.1	C 6.59	0.03	2.7 - 3.7	C 3.23	0.05	2.2 - 3.2	C 2.73	0.05	16
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Abbott i-STAT CHEM8+, waived	2	2.3 - 3.3	C 2.75	0.05	3.6 - 4.6	C 4.1	0.0	6.1 - 7.1	C 6.6	0.04	2.7 - 3.7	C 3.22	0.04	2.2 - 3.2	C 2.73	0.05	10
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Initial Grouping by Sensitivity or Principle

All i-STAT non-waived	3	2.2 - 3.2	C 2.73	0.05	3.6 - 4.6	C 4.13	0.04	6.1 - 7.1	C 6.59	0.03	2.7 - 3.7	C 3.23	0.05	2.2 - 3.2	C 2.73	0.05	16
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All i-STAT waived	4	2.3 - 3.3	C 2.75	0.05	3.6 - 4.6	C 4.1	0.0	6.1 - 7.1	C 6.6	0.04	2.7 - 3.7	C 3.22	0.04	2.2 - 3.2	C 2.73	0.05	10
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Total Population

Whole Population	5	2.2 - 3.2	C 2.74	0.05	3.6 - 4.6	C 4.11	0.04	6.1 - 7.1	C 6.59	0.04	2.7 - 3.7	C 3.23	0.04	2.2 - 3.2	C 2.73	0.05	27
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Sodium - iSTAT

Initial Grouping by Reagent

Abbott i-STAT CHEM8+	1	121 - 129	C 125.3	0.6	140 - 148	C 144.4	0.5	163 - 171	C 167.4	0.8	119 - 127	C 122.9	0.5	121 - 129	C 125.3	0.8	16
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Abbott i-STAT CHEM8+, waived	2	121 - 129	C 125.4	0.7	140 - 148	C 144.1	0.7	163 - 171	C 167.3	1.0	119 - 127	C 122.7	0.5	121 - 129	C 125.3	0.5	10
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Initial Grouping by Sensitivity or Principle

All i-STAT non-waived	3	121 - 129	C 125.3	0.6	140 - 148	C 144.4	0.5	163 - 171	C 167.4	0.8	119 - 127	C 122.9	0.5	121 - 129	C 125.3	0.8	16
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All i-STAT waived	4	121 - 129	C 125.4	0.7	140 - 148	C 144.1	0.7	163 - 171	C 167.3	1.0	119 - 127	C 122.7	0.5	121 - 129	C 125.3	0.5	10
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Total Population

Whole Population	5	121 - 129	C 125.3	0.6	140 - 148	C 144.3	0.6	163 - 171	C 167.4	0.9	119 - 127	C 122.8	0.5	121 - 129	C 125.3	0.7	27
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Urea Nitrogen (BUN) - iSTAT

Initial Grouping by Reagent

Abbott i-STAT CHEM8+	1	61 - 73	P 66.6	1.1	34 - 41	P 37.2	0.6	42 - 51	P 46.4	1.1	4 - 8	C 6.4	0.5	61 - 73	P 67.1	1.1	16
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Abbott i-STAT CHEM8+, waived	2	61 - 72	P 66.5	1.2	34 - 41	P 37.3	0.7	43 - 51	P 46.7	1.2	4 - 8	C 6.3	0.5	61 - 73	P 67.1	1.0	9
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Initial Grouping by Sensitivity or Principle

All i-STAT non-waived	3	61 - 73	P 66.6	1.1	34 - 41	P 37.2	0.6	42 - 51	P 46.4	1.1	4 - 8	C 6.4	0.5	61 - 73	P 67.1	1.1	16
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All i-STAT waived	4	61 - 72	P 66.5	1.2	34 - 41	P 37.3	0.7	43 - 51	P 46.7	1.2	4 - 8	C 6.3	0.5	61 - 73	P 67.1	1.0	9
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Total Population

Whole Population	5	61 - 73	P 66.7	1.4	34 - 41	P 37.2	0.6	42 - 51	P 46.5	1.1	4 - 8	C 6.3	0.5	61 - 73	P 67.4	2.0	26
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pH - iSTAT

Initial Grouping by Reagent

Abbott i-STAT Bld Gas Car	1	7.142 - 7.222	C 7.1817	0.011	7.455 - 7.535	C 7.4952	0.0078	7.188 - 7.268	C 7.2281	0.0124	6.917 - 6.997	C 6.9571	0.0108	7.141 - 7.221	C 7.1812	0.0115	19
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Initial Grouping by Sensitivity or Principle

All i-STAT non-waived	2	7.142 - 7.222	C 7.1817	0.011	7.455 - 7.535	C 7.4952	0.0078	7.188 - 7.268	C 7.2281	0.0124	6.917 - 6.997	C 6.9571	0.0108	7.141 - 7.221	C 7.1812	0.0115	19
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Total Population

Whole Population	3	7.142 - 7.222	C 7.1817	0.011	7.461 - 7.541	C 7.5013	0.0272	7.188 - 7.268	C 7.2281	0.0124	6.917 - 6.997	C 6.9571	0.0108	7.141 - 7.221	C 7.1812	0.0115	19
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pCO2 - iSTAT

Initial Grouping by Reagent

Abbott i-STAT Bld Gas Car	1	54.9 - 64.9	C 59.89	2.83	21.2 - 31.2	C 26.19	1.7	45.2 - 55.2	C 50.16	2.44	63.3 - 74.3	P 68.75	2.35	54.7 - 64.7	C 59.67	2.09	19
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Initial Grouping by Sensitivity or Principle

All i-STAT non-waived	2	54.9 - 64.9	C 59.89	2.83	21.2 - 31.2	C 26.19	1.7	45.2 - 55.2	C 50.16	2.44	63.3 - 74.3	P 68.75	2.35	54.7 - 64.7	C 59.67	2.09	19
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Total Population

Whole Population	3	54.9 - 64.9	C 59.89	2.83	21.2 - 31.2	C 26.19	1.7	45.2 - 55.2	C 50.16	2.44	63.8 - 74.9	P 69.34	3.38	54.1 - 64.1	C 59.1	3.15	19
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pO2 - iSTAT

Initial Grouping by Reagent

Abbott i-STAT Bld Gas Car	1	57 - 103	S 80.1	7.6	117 - 160	S 138.9	7.1	144 - 220	S 181.9	12.5	37 - 77	S 56.9	6.5	58 - 98	S 77.8	6.6	18
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Initial Grouping by Sensitivity or Principle

All i-STAT non-waived	2	57 - 103	S 80.1	7.6	117 - 160	S 138.9	7.1	144 - 220	S 181.9	12.5	37 - 77	S 56.9	6.5	58 - 98	S 77.8	6.6	18
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Total Population

Whole Population	3	57 - 103	S 80.1	7.6	117 - 160	S 138.9	7.1	144 - 220	S 181.9	12.5	37 - 77	S 56.9	6.5	51 - 108	S 79.6	9.6	18
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Hemoglobin - iSTAT**Initial Grouping by Reagent**

Abbott i-STAT CHEM8+	1	6.4 - 7.4	P 6.9	0.14	11.2 - 12.8	P 12.0	0.14	9.4 - 10.8	P 10.13	0.12	6.4 - 7.4	P 6.87	0.12	6.4 - 7.4	P 6.93	0.21	9
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Abbott i-STAT CHEM8+, waived	2	6.4 - 7.4	P 6.9	0.14	11.1 - 12.7	P 11.9	0.0	9.4 - 10.8	P 10.1	0.14	6.3 - 7.2	P 6.75	0.11	6.4 - 7.3	P 6.86	0.12	6
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Initial Grouping by Sensitivity or Principle

All i-STAT non-waived	3	6.4 - 7.4	P 6.9	0.14	11.2 - 12.8	P 12.0	0.14	9.4 - 10.8	P 10.13	0.12	6.4 - 7.4	P 6.87	0.12	6.4 - 7.4	P 6.93	0.21	9
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All i-STAT waived	4	6.4 - 7.4	P 6.93	0.15	11.1 - 12.8	P 11.95	0.11	9.4 - 10.9	P 10.16	0.19	6.3 - 7.3	P 6.8	0.16	6.4 - 7.4	P 6.9	0.14	7
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Total Population

Whole Population	5	6.4 - 7.4	P 6.91	0.15	11.1 - 12.8	P 11.93	0.23	9.4 - 10.9	P 10.14	0.16	6.4 - 7.3	P 6.84	0.15	6.4 - 7.3	P 6.85	0.32	16
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Hematocrit - iSTAT**Initial Grouping by Reagent**

Abbott i-STAT CHEM8+	1	19 - 22	P 20.4	0.5	33 - 37	P 35.3	0.5	28 - 32	P 29.8	0.4	19 - 21	P 20.2	0.4	19 - 22	P 20.5	0.7	10
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Abbott i-STAT CHEM8+, waived	2	19 - 22	P 20.3	0.5	33 - 37	P 35.0	0.0	28 - 31	P 29.7	0.5	19 - 21	P 19.8	0.4	19 - 21	P 20.2	0.4	6
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Initial Grouping by Sensitivity or Principle

All i-STAT non-waived	3	19 - 22	P 20.4	0.5	33 - 37	P 35.3	0.5	28 - 32	P 29.8	0.4	19 - 21	P 20.2	0.4	19 - 22	P 20.5	0.7	10
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All i-STAT waived	4	19 - 22	P 20.4	0.5	33 - 37	P 35.2	0.4	28 - 32	P 29.9	0.6	19 - 21	P 20.0	0.5	19 - 22	P 20.3	0.5	7
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Total Population

Whole Population	5	19 - 22	P 20.4	0.5	33 - 37	P 35.1	0.7	28 - 32	P 29.8	0.5	19 - 21	P 20.1	0.5	19 - 22	P 20.4	0.6	17
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