



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+, waived	1	16 - 24	C 19.8	1.0	13 - 21	C 17.4	0.7	12 - 20	C 16.3	0.8	16 - 24	P 20.1	0.6	17 - 26	P 21.3	1.0	10
Abbott i-STAT CHEM8+	2	16 - 24	C 19.9	1.0	14 - 22	C 17.7	0.9	12 - 20	C 15.8	1.0	16 - 24	C 19.8	1.0	17 - 25	P 21.1	1.1	16
Initial Grouping by Sensitivity or Principle																	
All i-STAT waived	3	16 - 24	C 19.8	1.0	13 - 21	C 17.4	0.7	12 - 20	C 16.3	0.8	16 - 24	P 20.1	0.6	17 - 26	P 21.3	1.0	10
All i-STAT non-waived	4	16 - 24	P 20.1	1.2	14 - 22	C 17.8	0.9	12 - 20	C 15.9	1.1	16 - 24	C 19.8	0.9	17 - 25	P 21.2	1.2	17
Total Population																	
Whole Population	5	16 - 24	C 19.9	1.2	14 - 22	C 17.6	0.9	12 - 20	C 16.0	1.0	16 - 24	C 19.9	0.8	17 - 25	P 21.2	1.1	28
Chloride - iSTAT																	
Initial Grouping by Reagent																	
Abbott i-STAT CHEM8+, waived	1	93 - 103	P 98.3	0.8	68 - 75	P 71.7	1.1	95 - 105	P 100.3	0.4	110 - 122	P 116.1	0.8	72 - 80	P 75.9	0.6	10
Abbott i-STAT CHEM8+	2	94 - 104	P 98.8	0.8	68 - 75	P 71.4	0.7	96 - 106	P 101.1	1.2	111 - 122	P 116.5	0.7	72 - 80	P 76.3	0.7	15
Initial Grouping by Sensitivity or Principle																	
All i-STAT waived	3	93 - 103	P 98.3	0.8	68 - 75	P 71.7	1.1	95 - 105	P 100.3	0.4	110 - 122	P 116.1	0.8	72 - 80	P 75.9	0.6	10
All i-STAT non-waived	4	94 - 104	P 98.8	0.8	68 - 75	P 71.4	0.7	96 - 106	P 101.1	1.2	111 - 122	P 116.5	0.7	72 - 80	P 76.3	0.7	15
Total Population																	
Whole Population	5	94 - 104	P 98.6	0.8	68 - 75	P 71.5	0.9	96 - 106	P 100.8	1.1	111 - 122	P 116.4	0.8	72 - 80	P 76.2	0.7	26
Creatinine - iSTAT																	
Initial Grouping by Reagent																	
Abbott i-STAT CHEM8+, waived	1	4.0 - 5.4	P 4.69	0.14	0.1 - 0.7	C 0.38	0.04	5.7 - 7.6	P 6.65	0.13	2.3 - 3.1	P 2.71	0.06	3.4 - 4.6	P 3.97	0.12	10
Abbott i-STAT CHEM8+	2	4.0 - 5.4	P 4.68	0.11	0.1 - 0.7	C 0.37	0.05	5.7 - 7.7	P 6.72	0.28	2.3 - 3.2	P 2.75	0.07	3.4 - 4.6	P 3.96	0.13	15
Initial Grouping by Sensitivity or Principle																	
All i-STAT waived	3	4.0 - 5.4	P 4.7	0.13	0.1 - 0.7	C 0.37	0.04	5.7 - 7.7	P 6.69	0.16	2.3 - 3.1	P 2.73	0.06	3.4 - 4.6	P 4.0	0.13	12
All i-STAT non-waived	4	4.0 - 5.4	P 4.69	0.11	0.1 - 0.7	C 0.36	0.05	5.7 - 7.8	P 6.74	0.27	2.3 - 3.2	P 2.75	0.07	3.4 - 4.6	P 3.96	0.12	17
Total Population																	
Whole Population	5	4.0 - 5.4	P 4.69	0.12	0.1 - 0.7	C 0.37	0.05	5.7 - 7.7	P 6.71	0.23	2.3 - 3.1	P 2.73	0.07	3.4 - 4.6	P 3.97	0.12	31
Glucose - iSTAT																	
Initial Grouping by Reagent																	
Abbott i-STAT CHEM8+, waived	1	175 - 214	P 194.2	2.5	47 - 59	C 52.8	1.7	34 - 46	C 40.3	1.4	216 - 264	P 240.0	2.3	170 - 208	P 188.8	2.3	10
Abbott i-STAT CHEM8+	2	174 - 212	P 193.1	1.9	47 - 59	C 53.0	1.2	34 - 46	C 39.7	1.3	217 - 265	P 241.1	2.7	170 - 207	P 188.6	1.5	16
Initial Grouping by Sensitivity or Principle																	
All i-STAT waived	3	175 - 214	P 194.2	2.5	47 - 59	C 52.8	1.7	34 - 46	C 40.3	1.4	216 - 264	P 240.0	2.3	170 - 208	P 188.8	2.3	10
All i-STAT non-waived	4	174 - 212	P 193.1	1.9	47 - 59	C 52.9	1.2	34 - 46	C 39.6	1.3	217 - 265	P 240.9	2.8	170 - 207	P 188.4	1.8	17
Total Population																	
Whole Population	5	174 - 213	P 193.4	2.2	47 - 59	C 52.8	1.4	34 - 46	C 39.8	1.4	217 - 265	P 240.6	2.6	170 - 207	P 188.5	2.0	28
Ionized Calcium - iSTAT																	
Initial Grouping by Reagent																	
Abbott i-STAT CHEM8+, waived	1	0.8 - 1.3	C 1.01	0.03	0.3 - 0.8	C 0.58	0.04	2.1 - 2.6	C 2.31	0.03	0.4 - 0.9	C 0.6	0.0	1.9 - 2.4	C 2.15	0.07	8
Abbott i-STAT CHEM8+	2	0.8 - 1.3	C 1.0	0.0	0.3 - 0.8	C 0.59	0.03	2.1 - 2.6	C 2.31	0.04	0.4 - 0.9	C 0.6	0.0	1.9 - 2.4	C 2.11	0.05	15
Initial Grouping by Sensitivity or Principle																	
All i-STAT waived	3	0.8 - 1.3	C 1.01	0.03	0.3 - 0.8	C 0.58	0.04	2.1 - 2.6	C 2.31	0.03	0.4 - 0.9	C 0.6	0.0	1.9 - 2.4	C 2.15	0.07	8
All i-STAT non-waived	4	0.8 - 1.3	C 1.0	0.0	0.3 - 0.8	C 0.59	0.03	2.1 - 2.6	C 2.31	0.04	0.4 - 0.9	C 0.6	0.0	1.9 - 2.4	C 2.11	0.05	16
Total Population																	

Whole Population	5	0.8 - 1.3	C 1.0	0.02	0.3 - 0.8	C 0.58	0.04	2.1 - 2.6	C 2.31	0.04	0.4 - 0.9	C 0.6	0.0	1.9 - 2.4	C 2.15	0.13	26
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Lactate - iSTAT

Initial Grouping by Reagent

Abbott i-STAT Bld Gas Car	1	1.7 - 2.9	P 2.29	0.24	4.4 - 7.4	P 5.93	0.15	3.5 - 5.8	P 4.63	0.13	2.4 - 4.1	P 3.26	0.11	3.4 - 5.7	P 4.55	0.12	8
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Initial Grouping by Sensitivity or Principle

All i-STAT non-waived	2	1.7 - 2.9	P 2.29	0.24	4.4 - 7.4	P 5.93	0.15	3.5 - 5.8	P 4.63	0.13	2.4 - 4.1	P 3.26	0.11	3.4 - 5.7	P 4.55	0.12	8
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Total Population

Whole Population	3	1.7 - 2.8	P 2.27	0.24	4.4 - 7.4	P 5.9	0.16	3.5 - 5.8	P 4.61	0.13	2.4 - 4.1	P 3.24	0.12	3.4 - 5.7	P 4.53	0.12	9
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Potassium - iSTAT

Initial Grouping by Reagent

Abbott i-STAT CHEM8+, waived	1	4.0 - 5.0	C 4.5	0.0	1.6 - 2.6	C 2.06	0.05	2.7 - 3.7	C 3.24	0.05	6.1 - 7.1	C 6.6	0.05	2.2 - 3.2	C 2.74	0.05	10
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Abbott i-STAT CHEM8+	2	4.0 - 5.0	C 4.5	0.0	1.6 - 2.6	C 2.06	0.05	2.7 - 3.7	C 3.21	0.03	6.1 - 7.1	C 6.6	0.04	2.2 - 3.2	C 2.73	0.04	16
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Initial Grouping by Sensitivity or Principle

All i-STAT waived	3	4.0 - 5.0	C 4.49	0.03	1.6 - 2.6	C 2.06	0.05	2.7 - 3.7	C 3.23	0.05	6.1 - 7.1	C 6.6	0.04	2.2 - 3.2	C 2.73	0.05	12
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All i-STAT non-waived	4	4.0 - 5.0	C 4.5	0.0	1.6 - 2.6	C 2.06	0.05	2.7 - 3.7	C 3.21	0.03	6.1 - 7.1	C 6.59	0.04	2.2 - 3.2	C 2.72	0.04	17
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Total Population

Whole Population	5	4.0 - 5.0	C 4.5	0.03	1.6 - 2.6	C 2.06	0.05	2.7 - 3.7	C 3.22	0.04	6.1 - 7.1	C 6.6	0.04	2.2 - 3.2	C 2.73	0.04	30
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Sodium - iSTAT

Initial Grouping by Reagent

Abbott i-STAT CHEM8+, waived	1	150 - 158	C 154.3	0.5	109 - 117	C 112.8	0.6	119 - 127	C 123.3	0.4	164 - 172	C 167.5	1.3	122 - 130	C 125.6	0.7	10
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Abbott i-STAT CHEM8+	2	150 - 158	C 154.1	0.7	109 - 117	C 113.3	0.6	119 - 127	C 122.9	0.5	164 - 172	C 167.6	0.8	122 - 130	C 125.6	0.6	16
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Initial Grouping by Sensitivity or Principle

All i-STAT waived	3	150 - 158	C 154.3	0.5	109 - 117	C 112.8	0.6	119 - 127	C 123.3	0.4	164 - 172	C 167.5	1.3	122 - 130	C 125.6	0.7	10
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All i-STAT non-waived	4	150 - 158	C 154.2	0.8	109 - 117	C 113.3	0.6	119 - 127	C 122.9	0.5	164 - 172	C 167.8	0.9	122 - 130	C 125.6	0.6	17
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Total Population

Whole Population	5	150 - 158	C 154.2	0.7	109 - 117	C 113.1	0.6	119 - 127	C 122.9	0.8	164 - 172	C 167.7	1.1	122 - 130	C 125.6	0.6	28
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Urea Nitrogen (BUN) - iSTAT

Initial Grouping by Reagent

Abbott i-STAT CHEM8+, waived	1	53 - 63	P 57.9	1.1	6 - 10	C 8.1	0.3	4 - 8	C 6.3	0.4	42 - 51	P 46.6	1.1	62 - 74	P 68.0	2.2	10
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Abbott i-STAT CHEM8+	2	52 - 62	P 56.9	1.2	6 - 10	C 8.0	0.0	4 - 8	C 6.0	0.0	42 - 50	P 46.3	0.9	61 - 73	P 66.9	1.6	15
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Initial Grouping by Sensitivity or Principle

All i-STAT waived	3	53 - 63	P 57.9	1.1	6 - 10	C 8.1	0.3	4 - 8	C 6.3	0.4	42 - 51	P 46.6	1.1	62 - 74	P 68.0	2.2	10
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All i-STAT non-waived	4	52 - 62	P 56.9	1.2	6 - 10	C 8.0	0.0	4 - 8	C 6.0	0.0	42 - 50	P 46.3	0.9	61 - 73	P 66.9	1.6	15
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Total Population

Whole Population	5	52 - 62	P 57.2	1.3	6 - 10	C 8.1	0.3	4 - 8	C 6.1	0.3	42 - 51	P 46.5	1.0	61 - 73	P 67.3	1.9	26
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pH - iSTAT

Initial Grouping by Reagent

Abbott i-STAT Bld Gas Car	1	7.238 - 7.318	C 7.2782	0.0066	7.278 - 7.358	C 7.3179	0.0095	6.917 - 6.997	C 6.9571	0.0091	7.185 - 7.265	C 7.2252	0.0072	7.137 - 7.217	C 7.1771	0.0075	18
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Initial Grouping by Sensitivity or Principle

All i-STAT non-waived	2	7.238 - 7.318	C 7.2782	0.0066	7.278 - 7.358	C 7.3179	0.0095	6.917 - 6.997	C 6.9571	0.0091	7.185 - 7.265	C 7.2252	0.0072	7.137 - 7.217	C 7.1771	0.0075	18
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Total Population

Whole Population	3	7.238 - 7.318	C 7.2782	0.0066	7.278 - 7.358	C 7.3179	0.0095	6.918 - 6.998	C 6.9581	0.0097	7.185 - 7.265	C 7.2252	0.0072	7.137 - 7.217	C 7.1771	0.0075	18
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pCO2 - iSTAT

Initial Grouping by Reagent

Abbott i-STAT Bld Gas Car	1	40.2 - 50.2	C 45.17	1.48	30.1 - 40.1	C 35.08	1.36	64.1 - 75.3	P 69.72	3.14	45.6 - 55.6	C 50.63	2.11	55.1 - 65.1	C 60.11	2.16	18
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Initial Grouping by Sensitivity or Principle

All i-STAT non-waived	2	40.2 - 50.2	C 45.17	1.48	30.1 - 40.1	C 35.08	1.36	64.1 - 75.3	P 69.72	3.14	45.6 - 55.6	C 50.63	2.11	55.1 - 65.1	C 60.11	2.16	18
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Total Population

Whole Population	3	40.2 - 50.2	C 45.17	1.48	30.1 - 40.1	C 35.08	1.36	64.1 - 75.3	P 69.72	3.14	45.6 - 55.6	C 50.63	2.11	55.1 - 65.1	C 60.11	2.16	18
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pO2 - iSTAT

Initial Grouping by Reagent

Abbott i-STAT Bld Gas Car	1	147 - 188	S	167.6	6.7	46 - 113	S	79.4	11.2	28 - 97	S	62.2	11.6	136 - 224	S	179.8	14.7	58 - 101	S	79.5	7.0	17
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Initial Grouping by Sensitivity or Principle

All i-STAT non-waived	2	147 - 188	S	167.6	6.7	46 - 113	S	79.4	11.2	28 - 97	S	62.2	11.6	136 - 224	S	179.8	14.7	58 - 101	S	79.5	7.0	17
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Total Population

Whole Population	3	147 - 188	S	167.6	6.7	46 - 113	S	79.4	11.2	28 - 97	S	62.2	11.6	136 - 224	S	179.8	14.7	58 - 101	S	79.5	7.0	17
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Hemoglobin - iSTAT**Initial Grouping by Reagent**

Abbott i-STAT CHEM8+, waived	1	10.2 - 11.7	P	10.96	0.12	4.0 - 4.6	P	4.28	0.15	6.4 - 7.4	P	6.92	0.15	9.4 - 10.8	P	10.08	0.15	6.4 - 7.3	P	6.86	0.12	5
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Abbott i-STAT CHEM8+	2	10.2 - 11.8	P	11.02	0.15	4.1 - 4.8	P	4.44	0.12	6.3 - 7.3	P	6.8	0.0	9.5 - 10.9	P	10.17	0.09	6.5 - 7.5	P	6.98	0.15	10
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Initial Grouping by Sensitivity or Principle

All i-STAT waived	3	10.2 - 11.7	P	10.95	0.11	4.0 - 4.6	P	4.3	0.14	6.5 - 7.4	P	6.95	0.15	9.4 - 10.9	P	10.15	0.21	6.4 - 7.4	P	6.9	0.14	6
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All i-STAT non-waived	4	10.3 - 11.8	P	11.04	0.15	4.1 - 4.8	P	4.44	0.11	6.3 - 7.3	P	6.8	0.0	9.5 - 10.9	P	10.2	0.13	6.5 - 7.5	P	6.99	0.14	11
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Total Population

Whole Population	5	10.2 - 11.8	P	11.01	0.14	4.1 - 4.7	P	4.39	0.14	6.4 - 7.3	P	6.85	0.11	9.5 - 10.9	P	10.18	0.16	6.5 - 7.4	P	6.96	0.15	17
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Hematocrit - iSTAT**Initial Grouping by Reagent**

Abbott i-STAT CHEM8+, waived	1	30 - 34	P	32.2	0.4	12 - 14	C	12.6	0.5	19 - 22	P	20.4	0.5	28 - 31	P	29.6	0.5	19 - 21	P	20.2	0.4	5
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Abbott i-STAT CHEM8+	2	30 - 34	P	32.3	0.5	12 - 14	C	13.1	0.3	19 - 21	P	20.0	0.0	28 - 32	P	29.9	0.3	21 - 23	P	22.0	3.9	10
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Initial Grouping by Sensitivity or Principle

All i-STAT waived	3	30 - 34	P	32.2	0.4	12 - 14	C	12.7	0.5	19 - 22	P	20.5	0.5	28 - 32	P	29.8	0.7	19 - 22	P	20.3	0.5	6
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All i-STAT non-waived	4	30 - 34	P	32.4	0.5	12 - 14	C	13.1	0.3	19 - 21	P	20.0	0.0	28 - 32	P	30.0	0.4	21 - 23	P	21.9	3.7	11
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Total Population

Whole Population	5	30 - 34	P	32.3	0.5	12 - 14	C	12.9	0.4	19 - 21	P	20.2	0.4	28 - 32	P	29.9	0.6	20 - 23	P	21.3	3.1	17
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