

Appendix 12: Example of Reference Range Experiment Results

Verification of Reference Interval

Analyte:	Sodium
Method:	ChemSmart 2000

Experiment Results

<i>Specimen Number</i>	<i>Specimen ID</i>	<i>Result</i>
1	PID 1	135
2	PID 2	160
3	PID 3	150
4	PID 4	145
5	PID 5	158
6	PID 6	136
7	PID 7	138
8	PID 8	140
9	PID 9	148
10	PID 10	150

<i>Specimen Number</i>	<i>Specimen ID</i>	<i>Result</i>
11	PID 11	148
12	PID 12	140
13	PID 13	138
14	PID 14	147
15	PID 15	140
16	PID 16	151
17	PID 17	139
18	PID 18	146
19	PID 19	142
20	PID 20	153

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Date: 4-Apr-06

Statistical Analysis

Mean 145.2
Standard Deviation 7.13
Median 145.5
Range 135 to 160

Reference Interval

Proposed 125 to 155
Number of Results *Less Than* 125 0
Number of Results *Greater Than* 155 2
Total Results Outside Proposed Range: 2
Percentage Results Outside Proposed Range: 10
Pass/Fail Pass

Approval: _____

Date: _____