



PROFICIENCY TESTING SERVICE
AMERICAN ASSOCIATION OF BIOANALYSTS
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PARTICIPANT STATISTICS

SECOND QUADRIMESTER 2019

MANUAL DIFFERENTIAL

Name	Line No.	Specimen 6				Specimen 7				No. of Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD			
WBC Diff Basophils %										
Initial Grouping by Reagent										
Highly complex	1	0 - 4	C	0.0	0.0	3 - 5	C	4.0	0.0	57
Moderately complex	2	0 - 4	C	0.0	0.0	3 - 5	C	4.0	0.0	48
Initial Grouping by Sensitivity or Principle										
Total Population	3	0 - 4	C	0.0	0.0	3 - 5	C	4.0	0.0	120
Total Population										
Whole Population	4	0 - 4	C	0.0	0.0	3 - 5	C	4.0	0.0	124
WBC Diff Eosinophils %										
Initial Grouping by Reagent										
Highly complex	1	3 - 13	C	8.0	0.0	0 - 9	C	4.0	0.0	57
Moderately complex	2	3 - 13	C	8.0	0.0	0 - 9	C	4.0	0.0	48
Initial Grouping by Sensitivity or Principle										
Total Population	3	3 - 13	C	8.0	0.0	0 - 9	C	4.0	0.0	124
Total Population										
Whole Population	4	3 - 13	C	8.0	0.0	0 - 9	C	4.0	0.0	124
WBC Diff PMN (Neuts/Segs) %										
Initial Grouping by Reagent										
Highly complex	1	34 - 57	S	45.6	3.8	47 - 57	C	52.3	1.3	57
Moderately complex	2	34 - 58	S	45.6	4.0	46 - 58	S	52.2	2.0	49
Initial Grouping by Sensitivity or Principle										
Total Population	3	34 - 57	S	45.4	3.8	47 - 57	C	52.2	1.6	124
Total Population										
Whole Population	4	34 - 57	S	45.4	3.8	47 - 57	C	52.2	1.6	124
WBC Diff Lymphocytes %										
Initial Grouping by Reagent										
Highly complex	1	14 - 48	S	30.7	5.7	17 - 36	S	26.5	3.0	57
Moderately complex	2	3 - 54	S	28.6	8.4	18 - 36	S	26.6	3.0	49
Initial Grouping by Sensitivity or Principle										
Total Population	3	8 - 51	S	29.7	7.2	18 - 35	S	26.5	3.0	106
Total Population										
Whole Population	4	7 - 52	S	29.4	7.5	17 - 36	S	26.4	3.2	124
WBC Diff Monocytes %										
Initial Grouping by Reagent										
Highly complex	1	0 - 26	S	11.9	4.7	7 - 17	C	12.0	1.5	57
Moderately complex	2	0 - 24	S	11.4	4.1	6 - 17	S	11.5	1.8	49
Initial Grouping by Sensitivity or Principle										
Total Population	3	0 - 26	S	11.9	4.7	7 - 17	C	11.8	1.6	124
Total Population										
Whole Population	4	0 - 26	S	11.9	4.7	7 - 17	C	11.8	1.6	124
WBC Diff Abnormal/Other %										
Initial Grouping by Reagent										
Highly complex	1	0 - 20	S	3.9	5.3	0 - 8	S	1.0	2.2	56
Moderately complex	2	0 - 28	S	6.5	7.1	0 - 9	S	1.3	2.4	43
Initial Grouping by Sensitivity or Principle										
Total Population	3	0 - 25	S	5.3	6.6	0 - 10	S	1.5	2.7	115
Total Population										
Whole Population	4	0 - 25	S	5.3	6.6	0 - 10	S	1.5	2.7	117

Correct responses are defined as those reflecting agreement among 80% or more of all participants or referees. Unacceptable responses are indicated by "*****" on the flagging line of each specimen.