



PROFICIENCY TESTING SERVICE
AMERICAN ASSOCIATION OF BIOANALYSTS
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PARTICIPANT STATISTICS

SECOND QUADRIMESTER 2018

MANUAL DIFFERENTIAL

Name	Line No.	Specimen 1				Specimen 2				No. of Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD	Range & Type		
WBC Diff Basophils %										
Initial Grouping by Reagent										
Moderately complex	1	0 - 4	C	0.0	0.0	0 - 4	C	0.0	0.0	45
Highly complex	2	0 - 4	C	0.0	0.0	0 - 4	C	0.0	0.0	50
Initial Grouping by Sensitivity or Principle										
Total Population	3	0 - 4	C	0.0	0.0	0 - 4	C	0.0	0.0	95
Total Population										
Whole Population	4	0 - 4	C	0.0	0.0	0 - 4	C	0.0	0.0	95
WBC Diff Eosinophils %										
Initial Grouping by Reagent										
Moderately complex	1	6 - 17	S	11.5	1.8	0 - 9	C	4.0	0.3	47
Highly complex	2	6 - 17	S	11.4	1.9	0 - 9	C	4.0	0.0	52
Initial Grouping by Sensitivity or Principle										
Total Population	3	6 - 17	S	11.4	1.8	0 - 9	C	4.0	0.2	99
Total Population										
Whole Population	4	6 - 17	S	11.4	1.8	0 - 9	C	4.0	0.2	99
WBC Diff PMN (Neuts/Segs) %										
Initial Grouping by Reagent										
Moderately complex	1	34 - 47	S	40.1	2.1	51 - 61	C	55.8	0.8	47
Highly complex	2	31 - 49	S	40.3	3.1	51 - 61	C	55.8	1.4	52
Initial Grouping by Sensitivity or Principle										
Total Population	3	32 - 48	S	40.2	2.7	51 - 61	C	55.8	1.1	99
Total Population										
Whole Population	4	32 - 48	S	40.2	2.7	51 - 61	C	55.8	1.1	99
WBC Diff Lymphocytes %										
Initial Grouping by Reagent										
Moderately complex	1	5 - 59	S	31.8	9.0	19 - 49	S	33.8	5.0	47
Highly complex	2	10 - 53	S	31.6	7.3	18 - 48	S	33.3	5.0	52
Initial Grouping by Sensitivity or Principle										
Total Population	3	7 - 56	S	31.7	8.1	18 - 49	S	33.5	5.0	99
Total Population										
Whole Population	4	7 - 56	S	31.7	8.1	18 - 49	S	33.5	5.0	99
WBC Diff Monocytes %										
Initial Grouping by Reagent										
Moderately complex	1	2 - 18	S	10.2	2.8	0 - 9	C	3.9	1.3	47
Highly complex	2	3 - 18	S	10.7	2.6	0 - 9	C	3.9	1.5	52
Initial Grouping by Sensitivity or Principle										
Total Population	3	2 - 19	S	10.5	2.7	0 - 9	C	3.9	1.4	99
Total Population										
Whole Population	4	2 - 19	S	10.5	2.7	0 - 9	C	3.9	1.4	99
WBC Diff Abnormal/Other %										
Initial Grouping by Reagent										
Moderately complex	1	0 - 24	S	4.8	6.5	0 - 14	S	1.7	4.0	43
Highly complex	2	0 - 29	S	5.1	7.8	0 - 23	S	2.9	6.8	50
Initial Grouping by Sensitivity or Principle										
Total Population	3	0 - 27	S	5.0	7.2	0 - 20	S	2.3	5.7	93
Total Population										
Whole Population	4	0 - 27	S	5.0	7.2	0 - 20	S	2.3	5.7	93

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.