



PROFICIENCY TESTING SERVICE
AMERICAN ASSOCIATION OF BIOANALYSTS
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PARTICIPANT STATISTICS

FIRST QUADRIMESTER 2019

MANUAL DIFFERENTIAL

Name	Line No.	Specimen 1				Specimen 2				No. of Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD			
WBC Diff Basophils %										
Initial Grouping by Reagent										
Moderately complex	1	0 - 4	C	0	0	0 - 4	C	0	0	50
Highly complex	2	0 - 4	C	0	0	0 - 4	C	0	0	42
Initial Grouping by Sensitivity or Principle										
Total Population	3	0 - 4	C	0	0	0 - 4	C	0	0	111
Total Population										
Whole Population	4	0 - 4	C	0	0	0 - 4	C	0	0	111
WBC Diff Eosinophils %										
Initial Grouping by Reagent										
Moderately complex	1	0 - 5	C	0	0	0 - 5	C	0	0	49
Highly complex	2	0 - 5	C	0	0	0 - 5	C	0	0	43
Initial Grouping by Sensitivity or Principle										
Total Population	3	0 - 5	C	0	0	0 - 5	C	0	0	111
Total Population										
Whole Population	4	0 - 5	C	0	0	0 - 5	C	0	0	111
WBC Diff PMN (Neuts/Segs) %										
Initial Grouping by Reagent										
Moderately complex	1	39 - 49	C	43.7	1.5	58 - 72	S	64.6	2.3	49
Highly complex	2	38 - 48	S	43.4	1.7	54 - 76	S	65.2	3.7	47
Initial Grouping by Sensitivity or Principle										
Total Population	3	36 - 51	S	43.4	2.5	54 - 75	S	64.7	3.5	115
Total Population										
Whole Population	4	36 - 51	S	43.4	2.5	54 - 75	S	64.7	3.5	115
WBC Diff Lymphocytes %										
Initial Grouping by Reagent										
Moderately complex	1	0 - 69	S	22.3	15.6	24 - 33	S	28.3	1.5	49
Highly complex	2	0 - 71	S	20.2	16.8	26 - 30	S	27.9	0.6	47
Initial Grouping by Sensitivity or Principle										
Total Population	3	0 - 70	S	21.3	16.2	24 - 32	S	28.1	1.2	96
Total Population										
Whole Population	4	0 - 68	S	20.9	15.7	23 - 33	S	27.9	1.7	115
WBC Diff Monocytes %										
Initial Grouping by Reagent										
Moderately complex	1	0 - 56	S	16.9	13	0 - 44	S	6.4	2.4	49
Highly complex	2	0 - 56	S	16.5	13.1	0 - 43	S	5.6	2.6	47
Initial Grouping by Sensitivity or Principle										
Total Population	3	0 - 55	S	16.4	12.7	0 - 43	S	6	2.5	114
Total Population										
Whole Population	4	0 - 55	S	16.4	12.7	0 - 43	S	6	2.5	115
WBC Diff Abnormal/Other %										
Initial Grouping by Reagent										
Moderately complex	1	0 - 66	S	14.3	17.2	0 - 4	S	0.4	1.2	49
Highly complex	2	0 - 67	S	16.2	17	0 - 4	S	0.4	1.2	42
Initial Grouping by Sensitivity or Principle										
Total Population	3	0 - 68	S	16.5	17.2	0 - 4	S	0.5	1.3	112
Total Population										
Whole Population	4	0 - 68	S	16.5	17.2	0 - 4	S	0.5	1.3	112

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.