



PROFICIENCY TESTING SERVICE
AMERICAN ASSOCIATION OF BIOANALYSTS
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PARTICIPANT STATISTICS

FIRST QUADRIMESTER 2018

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 | 0.0 | 0 - 4 | C | 0.0 | 0.0 | 39 |
| Highly complex | 2 | 0 - 4 | C | 0.0 | 0.0 | 0 - 4 | C | 0.0 | 0.0 | 43 |
| Initial Grouping by Sensitivity or Principle | | | | | | | | | | |
| Total Population | 3 | 0 - 4 | C | 0.0 | 0.0 | 0 - 4 | C | 0.0 | 0.0 | 82 |
| Total Population | | | | | | | | | | |
| Whole Population | 4 | 0 - 4 | C | 0.0 | 0.0 | 0 - 4 | C | 0.0 | 0.0 | 82 |
| WBC Diff Eosinophils % | | | | | | | | | | |
| Initial Grouping by Reagent | | | | | | | | | | |
| Moderately complex | 1 | 0 - 5 | C | 0.0 | 0.0 | 0 - 9 | C | 4.0 | 0.0 | 41 |
| Highly complex | 2 | 0 - 5 | C | 0.0 | 0.0 | 0 - 9 | C | 4.0 | 0.0 | 43 |
| Initial Grouping by Sensitivity or Principle | | | | | | | | | | |
| Total Population | 3 | 0 - 5 | C | 0.0 | 0.0 | 0 - 9 | C | 4.0 | 0.0 | 82 |
| Total Population | | | | | | | | | | |
| Whole Population | 4 | 0 - 5 | C | 0.0 | 0.0 | 0 - 9 | C | 4.0 | 0.0 | 84 |
| WBC Diff PMN (Neuts/Segs) % | | | | | | | | | | |
| Initial Grouping by Reagent | | | | | | | | | | |
| Moderately complex | 1 | 30 - 68 | S | 49.2 | 6.4 | 48 - 63 | S | 55.5 | 2.6 | 41 |
| Highly complex | 2 | 37 - 63 | S | 50.2 | 4.4 | 49 - 63 | S | 56.0 | 2.3 | 43 |
| Initial Grouping by Sensitivity or Principle | | | | | | | | | | |
| Total Population | 3 | 33 - 66 | S | 49.8 | 5.5 | 48 - 63 | S | 55.8 | 2.5 | 84 |
| Total Population | | | | | | | | | | |
| Whole Population | 4 | 33 - 66 | S | 49.8 | 5.5 | 48 - 63 | S | 55.8 | 2.5 | 84 |
| WBC Diff Lymphocytes % | | | | | | | | | | |
| Initial Grouping by Reagent | | | | | | | | | | |
| Moderately complex | 1 | 38 - 42 | S | 40.1 | 0.6 | 9 - 46 | S | 27.8 | 6.1 | 41 |
| Highly complex | 2 | 28 - 50 | S | 39.0 | 3.6 | 16 - 43 | S | 29.1 | 4.5 | 43 |
| Initial Grouping by Sensitivity or Principle | | | | | | | | | | |
| Total Population | 3 | 31 - 48 | S | 39.5 | 2.7 | 12 - 45 | S | 28.4 | 5.4 | 84 |
| Total Population | | | | | | | | | | |
| Whole Population | 4 | 31 - 48 | S | 39.5 | 2.7 | 12 - 45 | S | 28.4 | 5.4 | 84 |
| WBC Diff Monocytes % | | | | | | | | | | |
| Initial Grouping by Reagent | | | | | | | | | | |
| Moderately complex | 1 | 3 - 13 | C | 7.8 | 0.9 | 0 - 16 | S | 7.4 | 3.0 | 41 |
| Highly complex | 2 | 3 - 13 | C | 8.0 | 0.0 | 0 - 15 | S | 7.4 | 2.5 | 43 |
| Initial Grouping by Sensitivity or Principle | | | | | | | | | | |
| Total Population | 3 | 3 - 13 | C | 7.9 | 0.6 | 0 - 16 | S | 7.4 | 2.8 | 84 |
| Total Population | | | | | | | | | | |
| Whole Population | 4 | 3 - 13 | C | 7.9 | 0.6 | 0 - 16 | S | 7.4 | 2.8 | 84 |
| WBC Diff Abnormal/Other % | | | | | | | | | | |
| Initial Grouping by Reagent | | | | | | | | | | |
| Moderately complex | 1 | 0 - 27 | S | 3.5 | 7.8 | 0 - 13 | S | 2.9 | 3.3 | 40 |
| Highly complex | 2 | 0 - 18 | S | 2.0 | 5.2 | 0 - 14 | S | 2.0 | 4.0 | 43 |
| Initial Grouping by Sensitivity or Principle | | | | | | | | | | |
| Total Population | 3 | 0 - 23 | S | 2.7 | 6.6 | 0 - 13 | S | 2.4 | 3.7 | 82 |
| Total Population | | | | | | | | | | |
| Whole Population | 4 | 0 - 23 | S | 2.7 | 6.6 | 0 - 13 | S | 2.4 | 3.7 | 83 |

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.