



PARTICIPANT STATISTICS

Q1-2019

Write up Pending.

PROFICIENCY TESTING SERVICE
AMERICAN ASSOCIATION OF BIOANALYSTS
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CELL IDENTIFICATION

FIRST QUADRIMESTER 2019

Cell Identification

| Specimen 1 | | No. | Flag | Specimen 2 | | No. | Flag | Specimen 3 | | No. | Flag | Specimen 4 | | No. | Flag | Specimen 5 | | No. | Flag |
|------------------------------------|--|------------|------|--|--|------------|------|---|--|------------|------|--|--|------------|------|-------------------------------------|--|------------|------|
| Result | | | | Result | | | | Result | | | | Result | | | | Result | | | |
| Macrocytic | | 197 | | Platelet, normal | | 205 | | Teardrop Cell (dacrocyte) | | 206 | | Segmented Neutrophil (PMN, poly) | | 135 | | Schistocyte (bite, blister, helmet) | | 127 | |
| Elliptocyte/Ovalocyte | | 4 | | Platelet, giant | | 3 | *** | Abnormal RBC, would refer | | 2 | | Hypersegmentated Neutrophil | | 61 | | Poikilocytosis | | 30 | |
| Abnormal RBC, would refer | | 2 | | Abnormal Platelet, would refer | | 1 | *** | Elliptocyte/Ovalocyte | | 1 | *** | Segmented Neutrophil (PMN, poly) | | 9 | | Acanthocytes (spur) | | 28 | |
| Segmented Neutrophil (PMN, poly) | | 1 | *** | | | | | | | | | PMN with Toxic Granulation/Vacuolization | | 2 | *** | RBC Fragments | | 8 | *** |
| Dimorphic RBC | | 1 | | | | | | | | | | Eosinophil, any stage | | 1 | *** | Abnormal RBC, would refer | | 7 | |
| Spherocyte | | 1 | *** | | | | | | | | | PMN with Dohle Bodies | | 1 | *** | Hypochromic | | 3 | *** |
| Polychromatophilic RBC | | 1 | *** | | | | | | | | | | | | | Abnormal, would refer | | 1 | |
| Segmented Neutrophil (PMN, poly) | | 1 | *** | | | | | | | | | | | | | Dimorphic RBC | | 1 | *** |
| Hypersegmentated Neutrophil | | 1 | *** | | | | | | | | | | | | | Microcytic | | 1 | |
| | | | | | | | | | | | | | | | | Sickle Cell (drepanocyte) | | 1 | *** |
| | | | | | | | | | | | | | | | | Stomatocyte | | 1 | *** |
| | | | | | | | | | | | | | | | | Teardrop Cell (dacrocyte) | | 1 | *** |
| | | | | | | | | | | | | | | | | | | | |
| Total Population | | 209 | | Total Population | | 209 | | Total Population | | 209 | | Total Population | | 209 | | Total Population | | 209 | |
| Intended result: Macrocytic | | | | Intended result: Platelet, normal | | | | Intended result: Teardrop Cell (dacrocyte) | | | | Intended result: Segmented Neutrophil | | | | Intended result: Schistocyte | | | |

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.

Cell Identification - Educational Challenge

| Specimen 1 | No. |
|----------------------------------|-----|
| Lymphocyte, reactive | 55 |
| Lymphocyte; atypical, Downey, | 41 |
| Lymphocyte, abnormal/atypical | 14 |
| Monocyte, any stage | 10 |
| Lymphocyte, normal | 9 |
| Lymphocyte, normal | 6 |
| Abnormal Lymphocyte, would refer | 5 |
| Monocyte, normal | 3 |
| Blast, undifferentiated | 2 |
| Abnormal, would refer | 1 |
| Immature WBC, would refer | 1 |

Total Population: 147
Intended result: Lymphocyte,



*To see the original full-sized images, please sign on to your data entry sheet at <http://www.aab-pts.org>

Sample 19Q1 - Clinical Discussion

Pending

| Specimen 2 | | 96 |
|---------------------------------|----|----|
| Segmented Neutrophil (PMN, pol) | 96 | 96 |
| Segmented Neutrophil (PMN, | 33 | 33 |
| PMN with Peiger-Huet Nucleus | 6 | 6 |
| PMN with Toxic Granulation/Vacu | 5 | 5 |
| Immature Neutrophil | 4 | 4 |
| Abnormal Granulocyte, would | 1 | 1 |
| PMN with Degenerated Nucleus | 1 | 1 |

Total Population: 146
Intended result: Segmented Neutrophil



