



|                                                |                                   |                                      |              |           |
|------------------------------------------------|-----------------------------------|--------------------------------------|--------------|-----------|
| Patient ID<br>1234                             | Patient Name<br>TESTING, PATIENT  | Birth Date<br>1975-11-08             | Gender<br>U  | Age<br>41 |
| Order Number<br>X100205596                     | Client Order Number<br>X100205596 | Ordering Physician<br>CLIENT, CLIENT | Report Notes |           |
| Account Information<br>C7028846 DLMP Rochester |                                   | Collected<br>03 Mar 2017 10:15       |              |           |

## CD8 Immune Competence Panel

### QN Lymphocyte Subsets: T, B, and NK

#### CD45 Total Lymph Count

 0.27 thou/mcL

Low

MCR  
Reference Value  
0.82–2.84

#### % CD3 (T Cells)

68 %

MCR  
Reference Value  
58–86

#### CD3 (T Cells)

 180 cells/mcL

Low

MCR  
Reference Value  
550–2202

#### % CD4 (T Cells)

 3 %

Low

MCR  
Reference Value  
32–64

#### CD4 (T Cells)

 9 cells/mcL

Low

MCR  
Reference Value  
365–1437

#### % CD8 (T Cells)

 60 %

High

MCR  
Reference Value  
13–40

#### CD8 (T Cells)

160 cells/mcL

MCR  
Reference Value  
145–846

#### % CD19 (B Cells)

20 %

MCR  
Reference Value  
6–24

#### CD19 (B Cells)

 53 cells/mcL

Low

MCR  
Reference Value  
70–409

#### % CD16+CD56 (NK cells)

7 %

MCR  
Reference Value  
4–28

#### CD16+CD56 (NK cells)

 19 cells/mcL

Low

MCR  
Reference Value  
59–513

#### 4/8 Ratio

 0.1

Low

<sup>1</sup> MCR  
Reference Value  
≥0.9

### CD8 Immune Competence, B

#### IFN-γ

40.0 % CD8 T-Cells

MCR  
Reference Value  
10.3–56.0

#### CD107a/b

30.0 % CD8 T-Cells

MCR  
Reference Value  
8.5–49.1

### Performing Site Legend

| Code | Laboratory                                       | Address                                  |
|------|--------------------------------------------------|------------------------------------------|
| MCR  | Mayo Clinic Laboratories - Rochester Main Campus | 200 First Street SW, Rochester, MN 55905 |



|                                                |                                   |                                     |              |           |
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#### Interpretation

1 MCR

Reviewed by: MICHELLE COX

#### ADDITIONAL INFORMATION

CD107a and CD107b are markers of cellular degranulation and surrogate markers for cytotoxic function.

**Received:** 06 Mar 2017 13:30

**Reported:** 17 Mar 2017 13:32

#### Laboratory Notes

- 1 This test was developed using an analyte specific reagent. Its performance characteristics were determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

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