



Patient ID 1234	Patient Name TESTING, PATIENT	Birth Date 1975-11-08	Gender U	Age 41
Order Number X100205595	Client Order Number X100205595	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 03 Mar 2017 10:00		

CD8 Immune Competence Panel

QN Lymphocyte Subsets: T, B, and NK

CD45 Total Lymph Count

1.00 thou/mcL

MCR

Reference Value
0.82–2.84

CD8 (T Cells)

165 cells/mcL

MCR

Reference Value
145–846

% CD3 (T Cells)

85 %

MCR

Reference Value
58–86

% CD19 (B Cells)

6 %

MCR

Reference Value
6–24

CD3 (T Cells)

581 cells/mcL

MCR

Reference Value
550–2202

CD19 (B Cells)

70 cells/mcL

MCR

Reference Value
70–409

% CD4 (T Cells)

58 %

MCR

Reference Value
32–64

% CD16+CD56 (NK cells)

10 %

MCR

Reference Value
4–28

CD4 (T Cells)

396 cells/mcL

MCR

Reference Value
365–1437

CD16+CD56 (NK cells)

70 cells/mcL

MCR

Reference Value
59–513

% CD8 (T Cells)

24 %

MCR

Reference Value
13–40

4/8 Ratio

2.4

① MCR

Reference Value
≥0.9

CD8 Immune Competence, B

IFN-g

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

Normal global CD8 T cell functional immune competence (measurement of IFN-gamma as a marker of T cell activation, and expression of CD107a/b, cellular degranulation marker) after stimulation with mitogen - PMA and ionomycin. Unable to provide further interpretation without clinical information. Clinical correlation recommended.

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 13:18

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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