

Patient ID SA00057322	Patient Name SAMPLEREPOR, GLIC	Birth Date 1966-06-10	Gender F	Age 46
Order Number SA00057322	Client Order Number SA00057322	Ordering Physician Client, Client	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 08 May 2013 00:00		

CD8 Immune Competence, B

IFN-g



2.7 % CD8 T-Cells

Low

MCR

Reference Value
10.3–56.0

CD107a/b



1.3 % CD8 T-Cells

Low

MCR

Reference Value
8.5–49.1

Interpretation

Decreased IFN-gamma production and CD107a/b expression after CD8 T cell stimulation. This result, on prima facie evidence, would suggest relatively significant immunosuppression, at least within the CD8 T cell compartment, likely related to post-

transplant immunosuppression; though it is possible that there may be polyfunctional CD8 T cells present, producing other cytokines, such as TNF-alpha and/or IL-2 on activation instead of IFN-gamma. However, the decreased CD107 expression tends to support the former rather than the latter possibility. Correlate with other relevant immunological parameters and clinical status to assess the potential extent of immune compromise. Patient can be re-assessed for T cell function 1–2 weeks after reduction in Cellcept dose and also if steroids are decreased or weaned.

ADDITIONAL INFORMATION

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

Received: 09 May 2013 15:27

Reported: 03 Oct 2013 13:36

Laboratory Notes

- 1 Analyte Specific Reagent: This test was developed and its performance characteristics determined by Mayo Clinic. It has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address
MCR	Mayo Clinic Dept. of Lab Med and Pathology	200 First Street SW, Rochester, MN 55905