



Common Variable Immunodeficiency
Confirmation Flow Panel

Patient ID SA00057315	Patient Name SAMPLEREPORT, CVID	Birth Date 1966-06-10	Gender F	Age 46
Order Number SA00057315	Client Order Number SA00057315	Ordering Physician Client, Client	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 08 May 2013 00:00		

CVID Confirmation Flow Panel

CD19+ TACI+ % of CD19 B cells

11.7 %

MCR

Reference Value
>3.4

CD19+ BAFF-R+ % of CD19 B cells

 89.4 %

MCR

Reference Value
>90.2

Low

Interpretation

1 MCR

Essentially normal BAFF-R and normal TACI receptor expression on CD19+ B cells as well as normal frequencies (%) of BAFF-R+ and TACI+ CD19+ B cells. The normal expression of these proteins on B cells does not negate a diagnosis of CVID since the majority of molecular defects (75–80%) are unknown and likely to be associated with copy number variations (Orange et al, J Allergy Clinical Immunology, 2011, 127: 1360–1367). Also, the majority (95%) of TNFRSF13B (TACI) mutations abrogate function but preserve protein expression. Correlate result with B cell subset analysis and other relevant immunological data and clinical history.

Received: 09 May 2013 15:25

Reported: 03 Oct 2013 13:00

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