



Common Variable Immunodeficiency  
Confirmation Flow Panel

Patient ID <b>SA00057316</b>	Patient Name <b>SAMPLEREPORT, CVID</b>	Birth Date <b>1966-06-10</b>	Gender <b>F</b>	Age <b>46</b>
Order Number <b>SA00057316</b>	Client Order Number <b>SA00057316</b>	Ordering Physician <b>Client, Client</b>	Report Notes	
Account Information <b>C7028846 DLMP Rochester</b>		Collected <b>08 May 2013 00:00</b>		

**CVID Confirmation Flow Panel**

**CD19+ TACI+ % of CD19 B cells**

12.3 %

**MCR**  
**Reference Value**  
>3.4

**CD19+ BAFF-R+ % of CD19 B cells**

96.2 %

**MCR**  
**Reference Value**  
>90.2

**Interpretation**

Normal expression of BAFF-R. Normal expression of TACI. The presence of normal TACI expression on B cells does not rule out the possibility that a TACI mutation may be present. Only 5% of

TACI mutations are associated with a protein defect that can be detected by flow cytometry. Approximately 95% of TACI mutations are associated with functional defects but normal protein expression. Suggest TACI genotyping if clinical evidence for CVID and associated TACI defect may be present (such as absent or low IgA, autoimmune thyroid disease or autoimmune cytopenias, lymphoproliferative disease, family members with IgA deficiency and/or CVID with some of these clinical features). Unable to provide further interpretation without clinical information. Clinical correlation recommended.

**Received:** 09 May 2013 15:25

**Reported:** 03 Oct 2013 13:02

**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