

Patient Name SAMPLEREP, CVID	Patient ID SA00057315	Age 46	Gender F	Order # SA00057315
Ordering Phys CLIENT, CLIENT				DOB 06/10/1966
Client Order # SA00057315	Account Information			Report Notes
Collected 05/08/2013 00:00	C7028846-DLMP Rochester SDSC 2 - Client Support Rochester, MN 55901			
Printed 10/03/2013 15:42				

Test	Flag	Results	Unit	Reference Value	Perform Site*
CVID Confirmation Flow Panel					
RECEIVED: 05/09/2013 15:25 REPORTED: 10/03/2013 13:00					
CD19+ TACI+ % of CD19 B cells		11.7	%	>3.4	MCR
CD19+ BAFF-R+ % of CD19 B cells	L	89.4	%	>90.2	MCR
Interpretation					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.

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:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director:
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Patient Name SAMPLEREP, CVID	Collection Date and Time 05/08/2013 00:00	Report Status Final
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* Report times for Mayo performed tests are CST/CDT