



CD40 Ligand *ProGenotyper*[®] Test

Test Code: 30000

CPT CODE	83890, 83898 x5, 83891 x 5, 83904 x 10, 83912
SPECIMEN REQUIREMENT	
Type:	Whole blood (EDTA or sodium heparin)
Volume:	2 mL
Handling:	
Storage:	Ambient
Shipping:	Ship overnight at ambient temperature
METHODOLOGY	
SET-UP SCHEDULE	Call for schedule
STANDARD TURNAROUND TIME	
CLINICAL UTILITY	This test is for the detection of CD40ligand (CD40L) mutations associated with X linked hyper-IgM syndrome (XHIGM). An immunodeficiency with most early reports showing patients had elevated serum immunoglobulin (Ig)M levels but markedly reduced IgG, IgA and IgE levels. However, according to the US XHIGM Registry report in 2003, elevated IgM levels were found in less than one third of patients. All patients had reduced levels of IgG and more than three fourths of patients had reduced levels of IgA. Patients with XHIGM have profound susceptibility to bacterial infections and an increased susceptibility to opportunistic infections.
RELATED TESTS:	401744 Humoral Immune Status Panel I 403106 T-B-NK Immunophenotyping