


IGHV Mutation Analysis by Sequencing

Order Name: **IGHV MUT**
Test Number: **6905049**
Revision Date: **12/12/2022**

TEST NAME	METHODOLOGY	LOINC CODE
IGHV Mutation Analysis by Sequencing	<u>Polymerase Chain Reaction</u>	48670-4

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (mL)	Specimen Type	Specimen Container	Transport Environment
Preferred	4 mL (0.5 mL)	Whole Blood		
Alternate 1	5 mL (0.5 mL)			
Instructions	<p>Specimen Type: Peripheral blood or Bone Marrow; Lavender-top (EDTA) tube</p> <p>Specimen Storage: Maintain specimen at room temperature; STABLE for three to five days.</p> <p>Specimen Collection: Not Available</p> <p>Special Instructions: Testing referred to Accupath Diagnostic Laboratories ACCAZ#7327</p> <p>Specimen Stability: Ambient: Not Available, Refrigerated : Not Available, Frozen: Not Available</p>			

GENERAL INFORMATION	
Expected TAT	6 - 8 days
Clinical Use	<p>IgVH Somatic Hypermutation</p> <p>Determines the mutation status of IgVH gene in B lymphocytes, including those of CLL (chronic lymphocytic leukemia). The IgVH gene mutation status is one of the discriminators of clinical outcome in patients with CLL. The mutational status of the immunoglobulin genes expressed by CLL cells can be used to segregate patients into two subsets that have significantly different tendencies for disease progression. Patients with leukemic cells that express unmutated immunoglobulin heavy-chain variable region genes have a greater tendency for disease progression than those who have leukemic cells that express IgVH genes with less than 98% nucleic acid homology with their germ-line counterparts.</p>
Notes	Labcorp Test Code: 113753
CPT Code(s)	81263
Service Provided By	 labcorp Oklahoma, Inc.