

**Voltage-Gated Calcium Channel (VGCC) Antibody Assay**

Order Name: **CALCHANIGG**  
 Test Number: 5502375  
 Revision Date: 12/12/2022

TEST NAME	METHODOLOGY	LOINC CODE
Voltage-Gated Calcium Channel (VGCC) Antibody Assay	Quantitative Radioimmunoassay	31024-3

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	<b>1 mL (0.4)</b>	<b>Serum</b>	<b>Clot Activator SST</b>	<b>Refrigerated</b>
Alternate 1	<b>1 mL (0.4)</b>	<b>Serum</b>	<b>Clot Activator (Red Top, No-Gel)</b>	<b>Refrigerated</b>
Instructions	<b>Notes:</b> 0.4 mL (Note: This volume Does NOT allow for repeat testing.) <b>Specimen Type:</b> Red-top tube or gel-barrier tube <b>Specimen Storage:</b> Room temperature <b>Specimen Collection:</b> Serum should be separated from cells within one hour and transferred to a plastic transport tube. <b>Specimen Stability:</b> Ambient: 14 days, Refrigerated : 14 days, Frozen: 14 days			

GENERAL INFORMATION	
Expected TAT	3 - 8 days
Clinical Use	Voltage-gated calcium channel (VGCC) autoantibodies are characteristic of Lambert-Eaton Myasthenic Syndrome (LEMS) with or without small-cell lung cancer. VGCC autoantibodies are also found, albeit less frequently and generally in low amounts, in paraneoplastic disease associated with lung, ovarian or breast carcinomas; in carcinomas (without LEMS or other paraneoplastic syndrome) and occasionally in neurological diseases such as amyotrophic lateral sclerosis (frequency of ~23%).
Notes	Labcorp Test Code: 140640
CPT Code(s)	86596
Service Provided By	 <b>labcorp</b> Oklahoma, Inc.