
Lab Dept: Serology

Test Name: LCM VIRUS ANTIBODIES

General Information

Lab Order Codes: LCMV

Synonyms: Lymphocytic Choriomeningitis (LCM) Virus; LCM Antibodies; Lymph Choriomeningitis Virus Ab

CPT Codes: 86727 x2 – Antibody, lymphocytic choriomeningitis

Test Includes: LCM Virus IgG and IgM Antibody levels reported as a titer.

Logistics

Test Indications: N/A

Lab Testing Sections: Serology – Sendouts

Referred to: Mayo Medical Laboratories forward to Focus Technologies (MML Test# 90042)

Phone Numbers:

Minneapolis: 612-813-6280

Saint Paul: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 – 6 days, test performed Monday through Friday

Special Instructions: N/A

Specimen

Specimen Type: Whole blood

Container: Red top tube

Draw Volume: 3 mL (Minimum: .225 mL) blood

Processed Volume: 1 mL (Minimum: 0.075 mL) serum

Collection:	Routine venipuncture
Special Processing:	Lab Staff: Centrifuge specimen. Remove serum aliquot into a screw-capped, round bottom plastic vial. Store and ship at refrigerated temperatures. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Unlabeled specimens; specimens other than serum

Interpretive

Reference Range:	IgG:	<1:16
	IgM:	<1:20
<p>Antibody to LCM is often detectable within a few days of clinical symptoms. An elevated IgM titer is indicative of recent or current infection. A four-fold rise in IgG titer between acute and convalescent specimens also indicates recent infection.</p>		

Critical Values:	N/A
Limitations:	N/A
Methodology:	Indirect fluorescent Antibody (IFA)
References:	Mayo Medical Laboratory December 2014