Lyme CNS Infection IgG CSF/Serum reflex to Index

Order Name: **Lyme Inf CSF/S IgG**
Test Number: 5197285
Revision Date: 02/02/2026

TEST NAME	METHODOLOGY	LOINC CODE
Lyme CNS Infection IgG CSF/Serum reflex to Index	Enzyme-Linked Immunosorbent Assay (ELISA)	92815-0

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	**1.2 mL Each**	**CSF and Serum**	**Sterile Screwtop Container and Clot Activator SST**	**Refrigerated**

Instructions

This is for Ascension Local Area Hospitals Only

Specimen: **Both Serum and CSF** (1.2 mL Serum AND 1.2 mL CSF)
Container: CSF: Sterile vial Serum: Gel Barrier Tube or Red-Top Tube
Collection: Serum and CSF samples need to be collected within 24 hours of each other, preferably at the same time. Label CSF vial as spinal fluid or CSF. CSF aliquot should be from the second, third, or fourth CSF vial collected during the lumbar puncture. Do not submit CSF from the first vial due to the possibility of blood contamination, which will cause specimen rejection. Centrifuge and aliquot serum into a plastic vial. Label as serum. Band specimens together.
Stability: Room temperature n/a, Refrigerated 11 days, Frozen 35 days
Cause for Rejection: Gross hemolysis, Gross lipemia, CSF contaminated with blood

Testing referred to Mayo Clinic Labs ;V#LNBAB This test begins with IgG screening of the spinal fluid specimen. If the screen is negative, no additional testing will be performed. If the screen is positive, the paired CSF and serum specimens will be used to establish the antibody index. In order to establish the antibody index, the paired serum and CSF samples (collected 24 hours of each other) are tested on the same run using quantitative assays to determine levels for the following analytes: 1. Anti-Borrelia species IgG levels in CSF and serum 2. Total IgG in CSF and serum 3. Albumin in CSF and serum These additional tests are necessary in order to normalize the level of Anti-Borrelia antibodies to total IgG and albumin in the CSF and establish the antibody index ratio for anti-Borrelia antibodies in CSF-to-serum. This testing is performed at an additional charge.

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GENERAL INFORMATION

Expected TAT	4-8 Days
Performing Labcorp Test Code	833896

Notes

RESULT CODE	RESULT NAME	RESULT LONG NAME	LOINC CODE
5197287	Lyme CSN IgG CSF	Lyme CNS Infection IgG CSF	92813-5
5197288	Lyme CSN IgG Intrp	Lyme CNS Infection IgG Interp	69048-7
5197289	Lyme CSN IgG Serum	Lyme CNS Infection IgG Serum	92814-3

Reflex Order Code: 5197286 - Lyme CNS Infect IgG, Ab Index

RESULT CODE	RESULT NAME	RESULT LONG NAME	LOINC CODE
5197290	Lyme CNS IgG Indx	Lyme CNS IgG Ab Index Value	n/a
5197291	Lyme CNS IgG Indx Int	Lyme CNS IgG Ab Index Interp	n/a

CPT Code(s)	86618 (Possible 86618, 82040, 82042, 82784x2)
Lab Section	Reference Lab

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