

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 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                                                   |                       |
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| 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          | <p><i>This is for Ascension Local Area Hospitals Only</i></p> <p><b>Specimen:</b> <b>Both Serum and CSF</b> (1.2 mL Serum AND 1.2 mL CSF)<br/><b>Container:</b> CSF: Sterile vial Serum: Gel Barrier Tube or Red-Top Tube<br/><b>Collection:</b> 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.<br/><b>Stability:</b> Room temperature n/a, Refrigerated 11 days, Frozen 35 days<br/><b>Cause for Rejection:</b> Gross hemolysis, Gross lipemia, CSF contaminated with blood</p> <p>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.</p> |               |                                                   |                       |

GENERAL INFORMATION

| Expected TAT                 | 4-8 Days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                               |             |                  |            |         |                  |                            |         |         |                    |                               |         |         |                    |                              |         |  |  |  |  |             |             |                  |            |         |                   |                             |     |         |                       |                              |     |
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| Performing Labcorp Test Code | 833896                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                               |             |                  |            |         |                  |                            |         |         |                    |                               |         |         |                    |                              |         |  |  |  |  |             |             |                  |            |         |                   |                             |     |         |                       |                              |     |
| Notes                        | <table><tr><th>RESULT CODE</th><th>RESULT NAME</th><th>RESULT LONG NAME</th><th>LOINC CODE</th></tr><tr><td>5197287</td><td>Lyme CSN IgG CSF</td><td>Lyme CNS Infection IgG CSF</td><td>92813-5</td></tr><tr><td>5197288</td><td>Lyme CSN IgG Intrp</td><td>Lyme CNS Infection IgG Interp</td><td>69048-7</td></tr><tr><td>5197289</td><td>Lyme CSN IgG Serum</td><td>Lyme CNS Infection IgG Serum</td><td>92814-3</td></tr><tr><td colspan="4"></td></tr></table> <p>Reflex Order Code: 5197286 - Lyme CNS Infect IgG, Ab Index</p> <table><tr><th>RESULT CODE</th><th>RESULT NAME</th><th>RESULT LONG NAME</th><th>LOINC CODE</th></tr><tr><td>5197290</td><td>Lyme CNS IgG Indx</td><td>Lyme CNS IgG Ab Index Value</td><td>n/a</td></tr><tr><td>5197291</td><td>Lyme CNS IgG Indx Int</td><td>Lyme CNS IgG Ab Index Interp</td><td>n/a</td></tr></table> | 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 |  |  |  |  | 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 |
| 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     |                  |            |         |                  |                            |         |         |                    |                               |         |         |                    |                              |         |  |  |  |  |             |             |                  |            |         |                   |                             |     |         |                       |                              |     |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                               |             |                  |            |         |                  |                            |         |         |                    |                               |         |         |                    |                              |         |  |  |  |  |             |             |                  |            |         |                   |                             |     |         |                       |                              |     |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |             |                  |            |         |                  |                            |         |         |                    |                               |         |         |                    |                              |         |  |  |  |  |             |             |                  |            |         |                   |                             |     |         |                       |                              |     |