

Legacy Laboratory Services

Legacy Lab Alert

September 2020

An Important Update from Legacy Laboratory Services

Update: MS Screen (Oligoclonal Band Profile) Will Be Referred to ARUP

Effective September 29, 2020, Legacy Laboratory Services (LLS) will be sending the Multiple Sclerosis Screen to ARUP Laboratories. The instrument that is used by LLS to perform oligoclonal bands is being discontinued by the manufacturer. Due to low volumes, we have opted to send the test to ARUP Laboratories instead of validating a new method. **Instead of ordering an MS Screen (MS), order the Oligoclonal Band Profile (OLIGO).** Table 1 summarizes the new orderables. Significant differences are listed below. For more information on new specimen requirements, refer to Table 2.

- CSF Total Protein is NOT included in the ARUP report.
- Albumin Index and CSF IgG/ Albumin Ratio are included in the ARUP Report.
- ARUP requires slightly less specimen volume to perform patient testing (refer to Table 2).

Table 1: ARUP Test Equivalents

Legacy Laboratory Services		converted to	ARUP Laboratories	
Description	Mnemonic		Description	New Orderable
Multiple Sclerosis Screen	MS		Oligoclonal Band Profile	OLIGO

Table 2: NEW Specimen Requirements – ARUP Laboratories' specimen requirements are summarized below. Differences from previous Legacy Laboratory Services testing are in red font.

Parameters	Oligoclonal Band Profile
Performing Lab Information	ARUP (OLIGO; 0080440)
New Legacy Ordering Information	OLIGO
Includes	<ul style="list-style-type: none"> • CSF Oligoclonal Bands • CSF & Serum IgG • CSF and Serum Albumin • IgG Index • CSF IgG Synthesis Rate • Albumin Index • CSF IgG/ Albumin Ratio • Interpretation
Collect	Serum and CSF, one 5.0 mL gold (SST) top tube or 7.0 mL red top tube AND 1.5 mL CSF in a sterile container NOTE: Serum must be collected within 48 hours of CSF collection.
Handling	Allow serum to clot completely at room temperature (minimum: SST - 30 minutes and red top tubes – 60 minutes). Centrifuge and separate serum from red and white blood cells within two hours of collection. Transfer serum and CSF to ARUP Standard Transport Tubes.
Preferred Volume	<ul style="list-style-type: none"> • 1.0 mL Serum • 1.5 mL CSF

Parameters		Oligoclonal Band Profile
Minimum Volume		<ul style="list-style-type: none"> 0.5 mL Serum 0.7 mL CSF
Transport		Refrigerated (2-8 °C)
Rejection Criteria		<ul style="list-style-type: none"> Plasma specimens & specimens collected outside the 48 hour window Grossly Hemolyzed specimens
Stability	Room Temp. (18-26 °C)	Serum: 8 hours CSF: 8 hours
	Refrigerated (2-8 °C)	Serum: 7 days CSF: 7 days
	Frozen (≤ -20 °C)	Serum: 1 year CSF: 1 year
Reference Ranges		Professional interpretation provided by ARUP Laboratories .
Performed		7 days per week
Reported		2 – 4 days
Method		<ul style="list-style-type: none"> Isoelectric Focusing Electrophoresis Nephelometry
CPT Codes		<ul style="list-style-type: none"> Oligoclonal Bands: 83916 Serum Albumin: 82040 CSF IgG: 82784 IgG Synthesis Rate: 82784 CSF Albumin: 82042
Note		<p>Specimens must be assayed together for interpretation.</p> <p>A patient is considered positive for CSF oligoclonal bands if there are two or more bands in the CSF immunoglobulin region that are not present in the serum. In order to confirm local production of oligoclonal IgG in CSF, a matched serum sample is required. Oligoclonal bands present in CSF, but not in serum, indicate central nervous system production. Oligoclonal bands are performed using isoelectric focusing and immunofixation.</p>

For additional information, please contact your account representative, client services or consult our website:
 Legacy Laboratory Client Services: 503-413-1234, 877-270-5566, www.legacyhealth.org/labservices

