HOTLINE: Effective May 18, 2020

New Test **3002479** **Autoimmune Liver Disease Reflexive Panel** **LIVER PAN**

Additional Technical Information

Methodology: Semi-Quantitative Enzyme-Linked Immunosorbent Assay/Semi-Quantitative Indirect Fluorescent Antibody
Performed: Sun-Sat
Reported: 1-8 days

Specimen Required: Collect: Serum Separator Tube (SST).
Specimen Preparation: Separate from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.3 mL)
Storage/Transport Temperature: Refrigerated.
Unacceptable Conditions: Non-serum, heat-inactivated, contaminated, grossly icteric, severely lipemic, grossly hemolyzed specimens or inclusion of fibrin clot.
Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)

Reference Interval:

<table>
<tr><th>Test Number</th><th>Components</th><th colspan="3">Reference Interval</th></tr>
<tr><td>0050065</td><td>Mitochondrial M2 Antibody, IgG (ELISA)</td><td colspan="3">20.0 Units or less: Negative
20.1-24.9 Units: Equivocal
25.0 Units or greater: Positive</td></tr>
<tr><td>0051174</td><td>F-Actin (Smooth Muscle) Antibody, IgG by ELISA with Reflex to Smooth Muscle Antibody, IgG Titer</td><td colspan="3">
<table>
<tr><th>Test Number</th><th>Components</th><th colspan="2">Reference Interval</th></tr>
<tr><td rowspan="3"></td><td rowspan="3">F-Actin (Smooth Muscle) Antibody, IgG</td><td>19 Units or less</td><td>Negative</td></tr>
<tr><td>20-30 Units</td><td>Weak Positive - Suggest repeat testing in two to three weeks with fresh specimen</td></tr>
<tr><td>31 Units or greater</td><td>Positive – Suggestive of autoimmune hepatitis or chronic active hepatitis</td></tr>
<tr><td>0051244</td><td>Smooth Muscle Antibody, IgG Titer</td><td colspan="2">Less than 1:20</td></tr>
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</td></tr>
<tr><td>0055235</td><td>Soluble Liver Antigen Antibody, IgG</td><td colspan="3">20.0 Units or less: Negative
20.1-24.9 Units: Equivocal
25.0 Units or greater: Positive</td></tr>
<tr><td>0055241</td><td>Liver-Kidney Microsome - 1 Antibody, IgG</td><td colspan="3">20.0 Units or less: Negative
20.1-24.9 Units: Equivocal
25.0 Units or greater: Positive</td></tr>
<tr><td></td><td></td><td colspan="3"></td></tr>
<tr><td></td><td></td><td colspan="3"></td></tr>
<tr><td>3000082</td><td>Antinuclear Antibody (ANA) with HEp-2 Substrate, IgG by IFA</td><td colspan="3">Less than 1:80</td></tr>
</table>

Interpretive Data:
Refer to report.

Note: If F-Actin, IgG by ELISA is 20 Units or greater, then Smooth Muscle Antibody (SMA), IgG by IFA titer will be added. Additional charges apply.

ANA are determined by indirect fluorescence assay (IFA) using HEp-2 substrate and IgG-specific conjugate at a screening dilution of 1:80. If positive, patterns reported include homogeneous, speckled, centromere, nucleolar, nuclear dots, or cytoplasmic. All positive results are reported with endpoint titers, at no additional charge.

CPT Code(s): 86039, 86376, 83516 x3; if reflexed, add 86256

New York DOH Approved.

HOTLINE NOTE: Refer to the Test Mix Addendum for interface build information.