Orderable - AILDP
Turnaround Time: 10 days

Alternate Name(s):
- Anti Mitochondrial Antibody (AMA)
- Anti Smooth Muscle Antibody (ASMA)
- Anti Liver/Kidney Microsome Antibody (Anti LKM)
- AILD-relevant antinuclear antibodies (ANA2)

Specimen:

<table>
<thead>
<tr>
<th>Adult</th>
<th>Pediatric</th>
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</thead>
<tbody>
<tr>
<td>5 mL Gold top Vacutainer tube or 6 mL Red top Vacutainer tube as well as EDTA, heparin or citrated plasma</td>
<td>0-2 years: Red 0.5 Microtainer tube 2-10 years: 2 mL Red top tube</td>
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</table>

Other fluids will not be accepted.

Collection Information:
Minimum volume of serum required is 0.5 mL.

Reference Ranges:
Negative

Interpretive Comments:
The following IFA patterns are reported:
- AMA
- ASMA
- Anti LKM
- Multiple Nuclear dots
- Nuclear membrane
- F-Actin

Positive IFA patterns will be titred and evaluated by Immunoblot to identify the following specific antibodies:
AUTOIMMUNE LIVER DISEASE (AILD) PROFILE

- AMA M2
- M2-3E
- Sp100
- PML
- gp100
- LKM-1
- LC-1
- SLA/LP
- Ro-52

**Comments:**

ANA2 will only screen and report for AILD-related ANA patterns (Multiple Nuclear Dot, Nuclear Membrane and F-Actin).

To screen for other ANA patterns, the regular ANA is tested together with AILDP testing initially.

Repeat testing: For adults ANA repeat testing will not be done; AILDP can be repeated every 6 months. For children AILDP/ANA testing can be repeated every 3 months.

**Specimen Stability:**

The samples can be stored for up to 14 days at temperatures of 2-8°C. For longer storage, store at -20°C. Avoid freeze/thaw cycles.