

AUTOIMMUNE  
LIVER  
DISEASE  
(AILD)  
PROFILE

## Orderable - AILD DP

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)



**Laboratory:**  
Clinical Immunology Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
Immunofluorescence  
assay (IFA) for screening  
Immunoblot for  
confirmation



**Test Schedule:**  
Batch analysis

### Specimen:

Adult	Pediatric
5 mL Gold top Vacutainer tube or 6 mL Red top Vacutainer tube as well as EDTA, heparin or citrated plasma	0-2 years: Red 0.5 Microtainer tube 2-10 years: 2 mL Red top tube
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:



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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 AILD testing initially.

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