

What is the sensitivity and specificity of the tests?

	Sensitivity	Specificity
SMA-T to F-Actin	80%	95%
LKM-1	90%	95%

Data not available for SLA and LC1

CAVEATS

- Anti-actin antibody has been reported in coeliac disease and in healthy subjects.
- LKM-1 antibody has been reported with Hepatitis C infection.
- LKM-1 antibody should be distinguished from anti-mitochondria antibody that segregates with primary biliary cirrhosis.

SPECIMEN REQUIREMENTS

Test Name:

Smooth Muscle Antibody (SMA), Anti-Nuclear Antibody (ANA), SLA Antibody, LKM-1 Antibody, LC-1 Antibody

Sample Type:

1 x Gel (SST) Tube (Gold Top)

Sample Transport:

Ambient temperature

Medicare Rebate:

Yes

Turnaround:

Tests run twice weekly

REFERENCES

1. Mackay IR, Toh BH. Autoimmune Hepatitis: The Way We Were, The Way We Are Today and The Way We Hope To Be. *Autoimmunity*. 2002 Aug;35(5):293-305. Review.
2. Bogdanos DP, Invernizzi P, Mackay IR, Vergani D. Autoimmune Liver Serology: Current Diagnostic and Clinical Challenges. *World J Gastroenterol* 2008. Jun 7;14(21):3374-87. Review.
3. Toh, BH, Pollock W and Taylor R F-Actin-Reactive Smooth Muscle Antibody in Subjects With Normal Liver Function. *Pathology* 2009 (in press).

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ENQUIRIES

Specific testing procedures and results contact:

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