PROCESSED AT :

MC-2407

Thyrocare
Tests you can trust

Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400703 98706 66333 wellness@thyrocare.com

9 out of 10 Doctors Trust that Thyrocare Reports are Accurate & Reliable

NAME	: XXXXXXXXXXXXXXXX	**SAMPLE COLLECTED AT :**	
REF. BY	: XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
TEST ASKED	: AMA,ANA,LKM1,SIALIC ACID		

TEST NAME	TECHNOLOGY	VALUE	UNITS
LIVER KIDNEY MICROSOMES	E.L.I.S.A	3.5	AU/mL

Bio. Ref. Interval. :-

NEGATIVE : < 12
EQUIVOCAL: 12-18
POSITIVE : >18

Clinical Significance

Ig G antibodies against liver -kidney microsomes (LKM) aids in the diagnosis of Autoimmune hepatitis (AIH).Autoimmune hepatitis is a chronic progressive liver disease characterized by histological features of periportal hepatitis,absence of viral markers and presence of autoantibodies in serum. Anti LKM 1 associated with AIH predominantly occurs in girls between 2 and 14years of age,thus determination of LKM-1 is very important in pediatrics.

Please correlate with clinical conditions.

Method:- Semi Quantitative Enzyme Immunoassay

Dummy Report

Sample Collected on (SCT)	: Sample collection time
Sample Received on (SRT)	: Sample receiving time at Lab
Report Released on (RRT)	: Report release time
Sample Type	: SERUM
Labcode	:
Barcode	:

Doctor 1 Sign Doctor 2 Sign

NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : AMA,ANA,LKM1,SIALIC ACID

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
ANTI MICROSOMAL ANTIBODY (AMA)	**C.L.I.A**	**9.6**	**IU/mL**

Bio. Ref. Interval. :-

Negative : < 9
Positive : >=9

(AMA are also called as Anti-TPO Antibodies).

Clinical Significance:
Micrsomes are found inside thyroid cells.The body produces antibodies against microsomes when there has been some damage caused to thyroid cells. Autoimmunity induces the immune system to produce antibodies against host tissue causing inflammation or impairing thyroid function .Presence of antimicrosomal antibody (AMA) is generally associated with autoimmune disorder.A positive test for AMA can indicate Hashimotos thyroiditis or granulomatous thyroiditis or Rheumatoid arthritis or Autoimmunehemolytic anaemia (rarely) etc.

Specifications: Precision: Intra assay (%CV): 7.1%, Inter assay (%CV): 4.40%; Sensitivity: 0.25IU/mL

Kit Validation reference:
Kimura S Kotani T Mc Bride OW Umeki K Hiral Nakayama T .Human thyroid peroxidase complete cDNA and protein sequence chromosome mapping and identification of two alternately spliced mRNAs.Proc Natl Acad Sci 1987.

Please correlate with clinical conditions.
Method:- TWO-STEP IMMUNOENZYMATIC (SANDWICH) ASSAY

Dummy Report

Sample Collected on (SCT) : Sample collection time
Sample Received on (SRT) : Sample receiving time at Lab
Report Released on (RRT) : Report release time
Sample Type : SERUM
Labcode :
Barcode :

Doctor 1 Sign Doctor 2 Sign

NAME : XXXXXXXXXXXXXXXX

REF. BY : XXXXXXXXXXXXXXXX

TEST ASKED : AMA,ANA,LKM1,SIALIC ACID

SAMPLE COLLECTED AT :

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
ANTI NUCLEAR ANTIBODIES (ANA)	E.L.I.S.A	5.64	AU/mL

Bio. Ref. Interval. :

Negative : < 50
Borderline : 50 - 70
Positive : > 70

Clinical Significance:
Autoimmune diseases are characterized by abnormal functioning of Immune System where cell recognition mechanism fails to distinguish " Self " and " non-self " antigens. Presence of ANA autoantibodies associated with rhematic autoimmune diseases such as systemic Lupus Erythematosus (SLE), Sjogren Syndrome, Scleroderma and mixed connective tissue disease (MCTD).

Specifications:
Specification:- Precision: Intra assay (%CV): <=6.6, Inter assay (%CV): <=13.3, Sensitivity: 87.1%, Specificity: 80%.

Kit Validation Reference:
Antinuclear Antibody The Lancet, September 15, 1984: 611-13

Method : INDIRECT SOLID PHASE IMMUNOASSAY

Please correlate with clinical conditions.

Dummy Report

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Sample Received on (SRT) : Sample receiving time at Lab

Report Released on (RRT) : Report release time

Sample Type : SERUM

Labcode :

Barcode :

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REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : AMA,ANA,LKM1,SIALIC ACID

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
SIALIC ACID	PHOTOMETRY	51.8	mg/dL

Bio. Ref. Interval. :-

45.6 - 75.4 mg/dL

Please correlate with clinical conditions.
Method:- LACTATE DEHYDROGENASE METHOD

~~ End of report ~~

Dummy Report

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Sample Received on (SRT) : Sample receiving time at Lab
Report Released on (RRT) : Report release time
Sample Type : SERUM
Labcode :
Barcode :

Doctor 1 Sign Doctor 2 Sign