

Technical Data

Kit Size	96 or 48 test
Plate Format	break apart strips
Sample Dilution	1:100
Assay Timing	30+30 +10
Standards	0, 10, 30, 100, 300, 1000 U/ml
Normal Values	Less than 10U/ml
Typical CVs	<10%
Quality Control	Negative and Positive controls included
Microplate Photometer	450nm
Product code	GD107

LKM-1 Antibodies

Autoimmune hepatitis has been classified into 3 types. LKM-1 antibodies react with cytochrome P450 II D6, a microsomal protein found in the endoplasmic reticulum, and are serological markers for autoimmune hepatitis type II. The disease often starts in childhood, there is a predominance of females, low IgA levels, frequent association with extrahepatic autoimmune syndromes and good response to immunosuppression.

LKM-1 antibodies can also be found in up to 7% of patients with chronic hepatitis C. The epitopes recognised by antibodies from HCV patients are different from those recognised by autoimmune hepatitis type II antibodies. Single case reports indicate that some patients with hepatitis C and LKM-1 antibodies may have an increased risk to develop a deterioration of their disease when treated with interferon.

G · E · N · E · S · I · S
Diagnostics

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