

CLIA #: 31D2026917

PATIENT DEMOGRAPHICS

PATIENT INFORMATION:	PHYSICIAN INFORMATION:	SPECIMEN INFORMATION:
Patient, Test DOB: 1/1/1960 Gender/Age: M/66	Test Physician, MD Test Practice 300 Columbus Circle Suite A, Edison, NJ 08837 (866) 909-7284, Fax:(908) 272-1478	ACCESSION #: TS26-0032X PROCEDURE DATE: 4/19/2026 DATE RECEIVED: 4/20/2026 REPORTED ON: 4/20/2026

CLINICAL INFORMATION

CLINICAL HISTORY: Abnormal liver enzymes, Percutaneous liver biopsy.

FINAL DIAGNOSIS

A: Liver, Biopsy:
- Hepatic tissue with Steatohepatitis and stage 1b fibrosis; NAS 5/8 (see comment).

Comment: The biopsy consists of 2 cores of hepatic tissue, measuring 1.0 and 2.2 CM in length, adequate for evaluation. The hepatocytes show marked macrovesicular steatosis, involving 70% of the hepatocytes, glycogenation of nuclei and focal ballooning change associated with neutrophilic inflammation and rare Mallory's hyaline. The portal tracts show mild chronic inflammation comprising of lymphocytes and rare plasma cells. Focal lobular activity (<2foci/20X HPF) composed of lymphocytes and macrophages in seen. Focal pericellular fibrosis is seen. No interface activity, aggregates of plasma cells, cholestasis, necrosis, ground glass hepatocytes, bile duct damage, vasculitis, or prominent pigment deposition in seen.

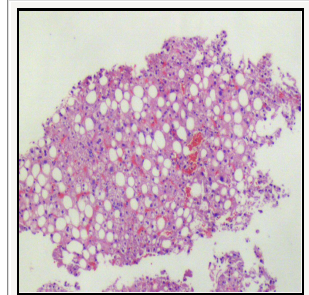
The trichrome stain highlights pericellular fibrosis (stage 1b fibrosis). The PASD stain is negative for alpha-1 antitrypsin-like globules. The iron stain is negative for hemosiderin deposition. The CK19 stain shows focal bile duct proliferation. The reticulin stain shows focal distorted architecture secondary to pericellular fibrosis.

The clinical history of Type 2 diabetes and elevated transminases has been reviewed.

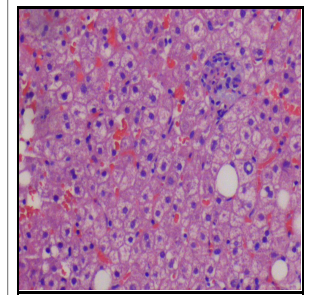
Semi quantitative scoring
NASH CRN Lobular: 1 (0-3)
NASH CRN Ballooning: 1 (0-2)
NASH CRN Steatosis: 3 (0-3)
NASH CRN Fibrosis: 1 (0-4)

NAFLD Activity score (NAS): 5 (0-8)

Scoring Reference
NASH CRN; Kleiner et al; Hepatology 2005;41: 1313



Steatohepatitis, H&E



Lobular activity, H&E

GROSS EXAMINATION

A: "Patient, Test, Liver" received in formalin is a soft tan tissue fragment measuring 0.2 x 0.2, 0.3, 0.5 and 0.5 cm in length. The specimen is entirely submitted in a single cassette.

MICROSCOPIC EXAMINATION

Physician: Test Physician, MD | Medical Director: Reema Jaffar, MD | Electronically signed out by: Test Pathologist, MD

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Tissue blocks: 1

A positive control for each stain has been reviewed and accepted.

Any immunostain(s) used were validated and their performance characteristics determined by LabGenomics. They may not be cleared or approved by the U. S. Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary. These tests are used for clinical purposes. They should not be regarded as investigational or for research. This laboratory has been approved by CLIA 88, designated as a high-complexity laboratory and is qualified to perform these tests.