



A Compilation of Conventional Tests

AUTOIMMUNE HEPATITIS PANEL

***ANA *AMA *ASMA *LKM - ANTIBODY**

AIH is a chronic disorder characterized by progressive hepatocellular loss and cell-mediated immunologic attack. Histologic inflammation is present and is usually accompanied by fibrosis, which can progress to cirrhosis and liver failure. Early diagnosis and initiation of immunosuppressive therapy are essential to prevent severe liver damage. The Diagnostic Panel includes tests for actin (smooth muscle) antibody, antinuclear antibodies (ANAs), and liver/kidney microsome antibody (LKM-1). ANAs and actin antibody are associated with type 1 AIH. The panel also includes mitochondrial antibody, which can help differentiate AIH from PBC.

Clinical Utility

- Diagnose autoimmune hepatitis (AIH)
- Differentiate AIH from primary biliary cirrhosis (PBC) like thyroiditis.

Sample	Method
3 mL (2 mL min) Serum from SST. Ship refrigerated or frozen	Immunofluorescence Assay

References

1. Czaja AJ. Autoimmune hepatitis-approach to diagnosis. MedGenMed. 2006;8:55-68.
2. Seaberg EC, Belle SH, Beringer KC, et al. Liver transplantation in the United States from 1987-1998: updated results from the Pitt-UNOS liver transplant registry. Clin Transpl. 1998:17-37.

TISSUE TRANSGLUTAMINASE TTG-DGP SCREEN

This assay is designed for the detection of IgA and IgG antibodies to synthetic, deamidated gliadin - derived peptides (DGP) and human tissue transglutaminase (h - tTG) in human serum. The presence of these antibodies can be used to aid in the diagnosis of IgA sufficient and IgA deficient celiac disease as well as dermatitis herpetiformis. This test detects an immune response to a very specific fragment of the gluten molecule. This test is excellent for detecting celiac disease

Clinical Use

- Screening test for celiac disease
- Simultaneous detection of both IgA and IgG antibodies to a selectively deaminated synthetic

Sample	Method
2 mL (1 mL min) Serum from SST. Ship refrigerated or frozen	Enzyme Immunoassay



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