

FibroACT

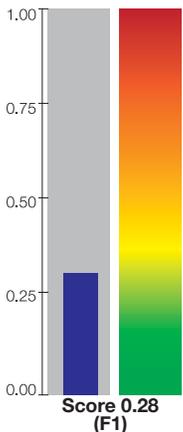
ACT on Liver Fibrosis and Inflammation

Non-invasive serum test to assess liver fibrosis and inflammation due to viral hepatitis.



EASILY READ & INTERPRET RESULTS

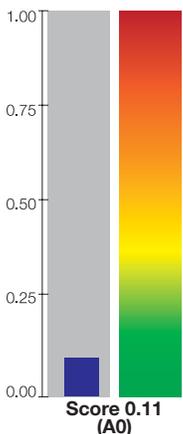
LIVER FIBROSIS SCORE



Estimates liver fibrosis: (METAVIR Score)

- F4: severe fibrosis (cirrhosis)
- F3: advanced fibrosis
- F2: moderate fibrosis
- F1: minimal fibrosis
- F0: no fibrosis

NECROINFLAMMATORY ACTIVITY



Estimates necroinflammatory activity:

- A3: severe activity
- A2: moderate activity
- A1: minimal activity
- A0: no activity

BENEFITS:

- Assessment of liver injury following a diagnosis of HCV infection
- Reduces need for biopsy
- Can be used for monitoring, frequently and safely
- Non-invasive and no fasting required

RECOMMENDED BY:*

- American Association for the Study of Liver Diseases (AASLD)
- World Health Organization (WHO)
- Asia-Pacific Association for the Study of the Liver (APASL)
- European Association for the Study of the Liver (EASL)

*For non-invasive evaluation of hepatic fibrosis in chronic hepatitis C patients.

FIBROACT

- Assess liver fibrosis
- Differentiate hepatic cirrhosis from non-cirrhosis in individuals with HCV infections or other chronic liver diseases



Quantitative results of six serum biochemical markers: **α2-macroglobulin, haptoglobin, apolipoprotein A1, bilirubin, gamma glutamyl transpeptidase (GGT), and alanine aminotransferase (ALT)**, matched with a patient's age and gender to generate a measurement of fibrosis and necroinflammatory activity in the liver.

FibroACT	Liver Biopsy
Contraindications	
Gilbert's Syndrome and non-hepatic inflammation	Uncooperative patient, severe coagulopathy, extrahepatic biliary obstruction, ascites, morbid obesity
Risks	
Very little to none	Pain, bleeding, pneumothorax, hemothorax, infection
Cost	
Less expensive than biopsy	Expensive
Limitations	
Indirect measurement of changes in the liver	Sampling error, inter-observer variability, possible hospitalization
Nature of Test	
Non-Invasive	Invasive
Advantages	
Measurement of global fibrosis, suitable for monitoring	Direct, evaluation of co-existing pathologies

COLLECTION

TEST CODE	SUBMIT	HANDLING	TRANSPORT	STABILITY	TAT
C250 (3955)	1.5mL Serum SST Tube	Centrifuge sample and separate serum from cells ASAP; refrigerate or freeze immediately	Frozen	Room temp: 8 hrs Refrigerated: 5 days Frozen: 2 months	48 hrs

References: <https://www.cdc.gov/>