

October 10, 2016 – Revised Edition

(Original posted on September 1, 2016) – All Networks

A L E R T

Fibrometer (Echosens), Liver Fibrosis – new test *with correct order code – LAB6774*

WHAT'S NEW?

The original version of this Alert had the incorrect order code listed for this new test. Correct code is: LAB6774.

Please make a note of it.

Effective October 1st, Fibrometer (Echosens), Liver Fibrosis (LAB6774) will be available and will replace Fibrosure (96780/LAB3317).

WHAT'S CHANGED?

Markers used in the Fibrometer test:

Age, gender
Alanine aminotransferase (ALT)
Alpha-2-macroglobulin
Gamma-glutamyl transpeptidase (GGT)
Aspartase aminotransferase (AST)
Platelet count
Prothrombin index
Urea

INDICATIONS FOR ORDERING

Fibrometer is a non-invasive, serum surrogate marker test for assessment of liver fibrosis in patients with chronic viral hepatitis.

Advantages of using the Fibrometer test:

- Non-invasive
- Measurement of global fibrosis
- Indirect measurement of functional changes of the liver

- High diagnostic accuracy confirmed by a rules-based system:

Metavir Classification	≥F2	F4
Sensitivity %	80.5-89	94.1
Specificity %	84.1-89.9	87.6

- No interference in patients with Gilbert disease or hemolysis (e.g., induced by ribavirin)

QUESTIONS:

Timmie Bigornia, MT(ASCP)

Senior Clinical Scientist, Reference

541-743-4662; 800-826-3616 ext. 4662

tbigornia@peacehealthlabs.org

Stephen Erfurth, PhD, DABCC/TC

Director, Science and Technology

541-687-2134 ext. 8092; 800-826-3616 ext. 8092

serfurth@peacehealthlabs.org

Lynette Long, MT(HHS)

Senior Clinical Scientist, Chemistry

541-687-2134 ext. 4619; 800-826-3616 ext. 4619

llong@peacehealthlabs.org

Michael Suter, MT(ASCP) SH

Senior Clinical Scientist, Hematology

541-687-2134 ext. 8182; 800-826-3616 ext. 8182

541-968-4917 cell

msuter@peacehealthlabs.org

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ORDERING INFORMATION

Item	New test, effective October 1, 2016
Test Name	Fibrometer (Echosens), Liver Fibrosis
Test Code	LAB6774
Methodology	Quantitative Nephelometry/Quantitative Enzymatic/Quantitative Spectrophotometry/Automated Cell Count/ Electromagnetic Mechanical Clot Detection
Performed	Tuesday, Thursday
Released	1 to 5 days
CPT Code	85049; 83883; 84450; 84460; 84520; 82977; or 81599
Specimen requirements	
Collect	<p>Collect all 3 tubes listed:</p> <ol style="list-style-type: none"> 1. Lavender (EDTA) or pink (K₂EDTA) AND 2. Serum separator tube (SST) AND 3. Light blue (sodium citrate)
Handling	<ol style="list-style-type: none"> 1. Submit the EDTA whole blood refrigerated within 24 hours for an automated Platelet Count to PeaceHealth Labs or if performed at your facility, perform Platelet Count within 24 hours and submit results with the specimen. 2. Separate serum and citrated (light blue) plasma from cells ASAP or within 2 hours of collection. <p>CRITICAL FROZEN: Submit serum and citrated plasma (light blue) frozen.</p>
Stability	<p>EDTA whole blood: Submit for testing immediately Refrigerated: Unacceptable >24 hours Frozen: Unacceptable</p> <p>Lt blue Plasma: Frozen: 14 days Ambient: Unacceptable >24 hours Refrigerated: Unacceptable</p> <p>Serum: Frozen: 14 days Ambient: Unacceptable >24 hours Refrigerated: Unacceptable</p>
Rejection Criteria	Hemolyzed specimens; all required specimens not received; no platelet count result received; non-frozen specimens