

Fibrosis • Activity • Steatosis



An innovative diagnostic and screening tool for a **COMPLETE LIVER EVALUATION**



LIVERFASt[™] Provides a Full Liver Evaluation for Multiple Etiologies



S-A-F Score Staging6

Fibrosis			Activity			Steatosis		
SCORE	STAGE	INTERPRETATION	SCORE	GRADE	INTERPRETATION	SCORE	STAGE	INTERPRETATION
0.00 - 0.27	FO	No fibrosis	0.00 - 0.29	AO	No activity	0.00 - 0.37	50	No steatosis (<5%)
0.28 - 0.48	F1	Mild fibrosis	0.30 - 0.52	A1	Mild activity	0.20 0.56	C1	Mild stastosis (5, 22%)
0.49 - 0.58	F2	Advanced fibrosis	0.53 - 0.62	A2	Moderate activity	0.00 - 00.00	יכ	
0.59 - 0.74	F3	Significant fibrosis	0.63 - 0.72	A3	Marked activity	0.57 - 0.68	52	Moderate steatosis (34-66%)
0.75 - 1.00	F4	Severe fibrosis (cirrhosis)	0.73 - 1.00	A4	Severe activity	0.69 - 1.00	53	Marked steatosis (>67%)

Distinctive Staging of Three Lesions

LIVERFASt[™] provides a complete liver evaluation with the staging of fibrosis, activity, and steatosis.

	Specific for Fibrosis (F)	Specific for Activity (A)	Specific for Steatosis (S)	NASH Staging	No. of Biomarkers	Assessment Unbiased towards fibrosis
LIVERFASt™	✓	<	✓	✓	10	✓
Fibroscan	(BMI-impacted cutoffs)	×	•	Only severe NASH	US	* (A,S)

Simple and Convenient with Immediate Results



LIVERFASt™



10 biomarkers from 1 blood sample



Biomarker results and patient specific characteristics input into Fibronostics'



LIVERFASt[™] results are **available** immediately

LIVERFASt[™] in non-alcoholic fatty liver (NAFLD) patients^{6,8-9,14}

LIVERFASt[™] Fibrosis score accurately detects cirrhosis, AUROC (95%), in NAFLD patients, with or without type 2 diabetes mellitus (T2DM) and provides results similar to transient elastography (TE), P=NS.9

LIVERFASt[™] Steatosis score outperforms ultrasound in the detection of moderate steatosis (Grades S2S3, >33% of hepatocytes) in obese patients and CAP for obese patients with BMI>35Kg/m2 and T2Diabetes.9

Patients without T2DM 0.824 (.737 - .888), p=NS versus TE Patients with T2DM 0.774 (.722 - .839), p = NS versus TE 1.00 0.75 Sensitivity 0.50 p = NS0.25 ut Type 2 Diabetes Mellitu tients with Type 2 Diabetes Mellitu 0.00 0.00 0.25 0.50 0.75 1.00 1-Specificity

LIVERFASt[™] identifies NASH even in subjects with normal liver enzymes.

LIVERFASt[™] improves the identification of NASH and demonstrates superior performance to FIB-4.

 AUROC (95% CI) for all stages of NASH

 LIVERFASt
 0.88 (0.75 - 0.94)

 FIB-4
 0.68 (0.54 - 0.77), p<0.0019</td>

Look for NAFLD in patients with Type 2 Diabetes Mellitus, irrespective of liver enzyme levels, due to high risk of disease progression.¹⁴

EASL, 2016

Patients with type 2 diabetes or prediabetes and elevated liver enzymes (ALT) or fatty liver on ultrasound should be evaluated for presence of nonalcoholic steatohepatitis and liver fibrosis. [...] Noninvasive tests, such as fibrosis biomarkers, may be used to assess risk of fibrosis » ¹⁵

American Diabetes Association, 2021





Auc: 56 years old	UENDER:	remate	BODY	MASS INDEA:	27.0			
Sample Date: March 12,2021								
	Result	Unit		Result	Unit			
alpha-2-Macroglobulin	2.9	g/L	ALT	105	IU/L			
Haptoglobin	0.7	g/L	AST	91	mg/dL			
Apolipoprotein A1	1.17	g/L	Fasting Glucose	5.8	mmol/L			
Total Bilirubin	12.5	µmol/L	Total Cholesterol	5.5	mmol/L			
GGT	211	IU/L	Triglycerides	1.5	mmol/L			

*Warning: This value is out of the 98% range. Check this value.

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Contact Us

References

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Fibronostics specializes in algorithm-based noninvasive diagnostic solutions.

thers erum non-invasive tests (NITs) for the diagnosis of advanced chronic liver diseases in NAFLD from a cohort with liver biopsy. Submitted to Hepatology 2020 ve serum biomarkers Liverfast, FIB4, APRI and liver stiffness measurement (LSM, Fibroscan) in chronic hepatitis C (CHC) patients with liver biopsy. Journal of the Medical

For more information, please visit www.fibronostics.com

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