

Reporting Title: FibroTest-ActiTest, S**Performing Location:** Rochester**Necessary Information:**

Age and sex are required.

Specimen Requirements:

Supplies: Amber Frosted Tube, 5 mL (T915)

Collection Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Amber vial

Specimen Volume: 3 mL

Collection Instructions:

1. Centrifuge and aliquot serum into an amber vial within 2 hours of collection.

2. Centrifuged serum must be light protected within 4 hours of collection. It is acceptable to draw the blood and then protect it from light after centrifugation as long as it is within 4 hours of collection.

Specimen Minimum Volume:

1.5 mL

Forms:

If not ordering electronically, complete, print, and send Gastroenterology and Hepatology Test Request (T728) with the specimen

| Specimen Type | Temperature | Time | Special Container |
|---------------|--------------------------|----------|-------------------|
| Serum | Refrigerated (preferred) | 7 days | LIGHT PROTECTED |
| | Frozen | 14 days | LIGHT PROTECTED |
| | Ambient | 24 hours | LIGHT PROTECTED |

Result Codes:

| Result ID | Reporting Name | Type | Unit | LOINC® |
|-----------|-----------------|--------------|------|---------|
| SCRF | FibroTest Score | Numeric | | 48795-9 |
| STGF | FibroTest Stage | Alphanumeric | | 48794-2 |

| Result ID | Reporting Name | Type | Unit | LOINC® |
|-----------|---|--------------|-------|---------|
| INTEF | FibroTest Interpretation | Alphanumeric | | 88447-8 |
| SCRA | ActiTest Score | Numeric | | 48792-6 |
| STGA | ActiTest Grade | Alphanumeric | | 48793-4 |
| INTEA | ActiTest Interpretation | Alphanumeric | | 88448-6 |
| CMMF | FibroTest-ActiTest Comment | Alphanumeric | | 48767-8 |
| NUM | BioPredictive Serial Number | Numeric | | 74715-4 |
| APOAF | Apolipoprotein A1, S | Numeric | mg/dL | 1869-7 |
| A2MF | Alpha-2-Macroglobulin, S Also used by tests: A2MF | Numeric | mg/dL | 1835-8 |
| HAPTF | Haptoglobin, S Also used by tests: HAPTF | Numeric | mg/dL | 46127-7 |
| ALTF | Alanine Aminotransferase (ALT), S Also used by tests: ALTF | Numeric | U/L | 1743-4 |
| GGTF | Gamma Glutamyltransferase (GGT), S Also used by tests: GGTF | Numeric | U/L | 2324-2 |
| TBILF | Bilirubin, Total, S Also used by tests: TBILF | Numeric | mg/dL | 1975-2 |

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

| Test ID | Reporting Name | CPT Units | CPT Code | Always Performed | Orderable Separately |
|---------|------------------------------------|-----------|----------|------------------|----------------------|
| INTF | FibroTest-ActiTest, Interpretation | | | Yes | No |
| APOAF | Apolipoprotein A1, S | | | Yes | No |
| A2MF | Alpha-2-Macroglobulin, S | | | Yes | Yes (Order A2M) |
| HAPTF | Haptoglobin, S | | | Yes | Yes (Order HAPT) |

| Test ID | Reporting Name | CPT Units | CPT Code | Always Performed | Orderable Separately |
|---------|------------------------------------|-----------|----------|------------------|----------------------|
| ALTF | Alanine Aminotransferase (ALT), S | | | Yes | Yes (Order ALT) |
| GGTF | Gamma Glutamyltransferase (GGT), S | | | Yes | Yes (Order GGT) |
| TBILF | Bilirubin, Total, S | | | Yes | Yes (Order BILIT) |

CPT Code Information:

81596

Reference Values:

FibroTest-ActiTest, Interpretation

| FibroTest Score | Stage | Interpretation |
|-----------------|-------|-----------------------------|
| 0.00-0.21* | F0 | No fibrosis |
| 0.21-0.27* | F0-F1 | No fibrosis |
| 0.27-0.31* | F1 | Minimal fibrosis |
| 0.31-0.48* | F1-F2 | Minimal fibrosis |
| 0.48-0.58* | F2 | Moderate fibrosis |
| 0.58-0.72* | F3 | Advanced fibrosis |
| 0.72-0.74* | F3-F4 | Advanced fibrosis |
| 0.74-1.00 | F4 | Severe fibrosis (Cirrhosis) |

*Boundary values can apply to 2 stages based on rounding. For example, a FibroTest score of 0.305 will round up to 0.31 and be staged F1. A FibroTest score of 0.314 will round down to 0.31 and be staged F1-F2.

| ActiTest Score | Grade | Interpretation |
|----------------|-------|----------------------|
| 0.00-0.17* | A0 | No activity |
| 0.17-0.29* | A0-A1 | No activity |
| 0.29-0.36* | A1 | Minimal activity |
| 0.36-0.52* | A1-A2 | Minimal activity |
| 0.52-0.60* | A2 | Significant activity |

| | | |
|------------|-------|----------------------|
| 0.60-0.62* | A2-A3 | Significant activity |
| 0.62-0.100 | A3 | Severe activity |

*Boundary values can apply to 2 grades based on rounding. For example, an ActiTest score of 0.285 will round up to 0.29 and be graded A0-A1. An ActiTest score of 0.294 will round down to 0.29 be graded A1.

ALPHA-2-MACROGLOBULIN

< or =18 years: 178-495 mg/dL

>18 years: 100-280 mg/dL

ALANINE AMINOTRANSFERASE (ALT)
Males

<12 months: Not established

> or =1 year: 7-55 U/L

Females

<12 months: Not established

> or =1 year: 7-45 U/L

APOLIPOPROTEIN A1
Males

<24 months: Not established

2-17 years

Low: <115 mg/dL

Borderline low: 115-120 mg/dL

Acceptable: >120 mg/dL

> or =18 years: > or =120 mg/dL

Females

<24 months: Not established

2-17 years

Low: <115 mg/dL

Borderline low: 115-120 mg/dL

Acceptable: >120 mg/dL

> or =18 years: > or =140 mg/dL

GAMMA-GLUTAMYLTRANSFERASE (GGT)
Males

0-11 months: <178 U/L

12 months-6 years: <21 U/L

7-12 years: <24 U/L

13-17 years: <43 U/L

> or =18 years: 8-61 U/L

Females

0-11 months: <178 U/L

12 months-6 years: <21 U/L

7-12 years: <24 U/L

13-17 years: <26 U/L

> or =18 years: 5-36 U/L

HAPTOGLOBIN

30-200 mg/dL

BILIRUBIN, TOTAL0-6 days: Refer to www.bilitool.org for information on age-specific (postnatal hour of life) serum bilirubin values.

7-14 days: 0.0-14.9 mg/dL

15 days-17 years: 0.0-1.0mg/dL

> or =18 years: 0.0-1.2 mg/dL