

Reporting Title: Hepatic Function Panel, S**Performing Location:** Rochester**Shipping Instructions:**

Ship specimen in amber vial to protect from light.

Necessary Information:

Patient's 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: 0.6 mL

Collection Instructions:

1. Serum gel tubes should be centrifuged within 2 hours of collection.
2. Red-top tubes should be centrifuged, and the serum aliquoted into an amber vial within 2 hours of collection.

Specimen Minimum Volume:

0.5 mL

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated	7 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
BILIT	Bilirubin Total, S Also used by tests: BILIT	Numeric	mg/dL	1975-2
BILID	Bilirubin, Direct Also used by tests: BILID	Numeric	mg/dL	1968-7

Result ID	Reporting Name	Type	Unit	LOINC®
AST	Aspartate Aminotransferase (AST), S Also used by tests: AST	Numeric	U/L	30239-8
ALT	Alanine Aminotransferase (ALT), S Also used by tests: ALT	Numeric	U/L	1743-4
ALP	Alkaline Phosphatase, S Also used by tests: ALP	Numeric	U/L	6768-6
ALB	Albumin, S Also used by tests: ALB	Numeric	g/dL	1751-7
TP	Protein, Total, S Also used by tests: TP	Numeric	g/dL	2885-2

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

82247
82248
84450
84460
84075
82040
84155
80076 (if appropriate if all analytes performed)

Reference Values:**TOTAL BILIRUBIN**

0-6 days: Refer to <http://bilitool.org/> for information on age-specific (postnatal hour of life) serum bilirubin values.

7-14 days: 0.0-14.9

15 days to 17 years: 0.0 -1.0

>18 years: 0.0-1.2

DIRECT BILIRUBIN

> or =12 months: 0.0-0.3 mg/dL

Reference values have not been established for patients who are younger than 12 months of age.

ASPARTATE AMINOTRANSFERASE

Males

0-11 months: Not established
1-13 years: 8-60 U/L
> or =14 years: 8-48 U/L

Females

0-11 months: Not established
1-13 years: 8-50 U/L
> or =14 years: 8-43 U/L

ALANINE AMINOTRANSFERASE

Males

> or =1 year: 7-55 U/L
Reference values have not been established for patients who are younger than 12 months of age.

Females

> or =1 year: 7-45 U/L
Reference values have not been established for patients who are younger than 12 months of age.

ALKALINE PHOSPHATASE

Males

4 years: 149-369 U/L
5 years: 179-416 U/L
6 years: 179-417 U/L
7 years: 172-405 U/L
8 years: 169-401 U/L
9 years: 175-411 U/L
10 years: 191-435 U/L
11 years: 185-507 U/L
12 years: 185-562 U/L
13 years: 182-587 U/L
14 years: 166-571 U/L
15 years: 138-511 U/L
16 years: 102-417 U/L
17 years: 69-311 U/L
18 years: 52-222 U/L
> or =19 years: 45-115 U/L

Females

4 years: 169-372 U/L
5 years: 162-355 U/L
6 years: 169-370 U/L
7 years: 183-402 U/L
8 years: 199-440 U/L
9 years: 212-468 U/L
10 years: 215-476 U/L
11 years: 178-526 U/L
12 years: 133-485 U/L
13 years: 120-449 U/L
14 years: 153-362 U/L
15 years: 75-274 U/L
16 years: 61-264 U/L

17-23 years: 52-144 U/L

24-45 years: 37-98 U/L

46-50 years: 39-100 U/L

51-55 years: 41-108 U/L

56-60 years: 46-118 U/L

61-65 years: 50-130 U/L

> or =66 years: 55-142 U/L

Reference values have not been established for patients who are younger than 4 years of age.

ALBUMIN

> or =12 months: 3.5-5.0 g/dL

Reference values have not been established for patients who are younger than 12 months of age.

TOTAL PROTEIN

> or =1 year: 6.3-7.9 g/dL

Reference values have not been established for patients who are younger than 12 months of age.