

## — Liver Health

The liver is one of the largest internal organs and is an important in your health. It is part of the digestive system and is connected to the small intestine by the bile duct. The liver is a multitasking organ, with many functions. Nearly all the blood that leaves the stomach and intestines passes through the liver for processing.

The liver is involved in these a group of body functions that include:

- Production of clotting factors, blood, proteins, bile, and greater than a thousand enzymes.
- Storage of energy from the food to provide fuel for muscles.
- Uses the cholesterol in the blood.
- Regulates the level of blood sugar and hormones in the body.
- Removes poisons such as drugs and alcohol from the blood.

Hide

## Liver Enzymes and Function Tests

Liver Enzymes and Function tests are used to see how well your liver is working. Your liver is the largest organ inside your body and it helps your body digest food, store energy, and remove poisons.

There are many kinds of liver diseases. Viruses cause some of them, like hepatitis A, hepatitis B and hepatitis C. Others can be the result of drugs, poisons or drinking too much alcohol. If the liver forms scar tissue because of an illness, it's called cirrhosis. Jaundice, or yellowing of the skin, can be one sign of liver disease. Cancer can also affect the liver. You could also inherit a liver disease such as hemochromatosis.

Hide

— ALBUMIN  
(g/dL)

4.3

Range: 3.6-5.1

### ALBUMIN

(g/dL)

Albumin is a protein made by the liver. A serum albumin test measures the amount of this protein in the clear liquid portion of the blood.



— BILIRUBIN, TOTAL  
(mg/dL)

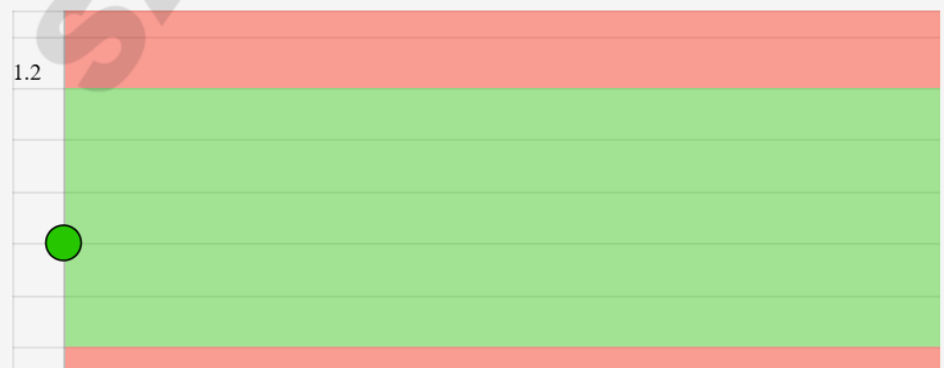
0.6

Range: 0.2-1.2

### BILIRUBIN, TOTAL

(mg/dL)

Bilirubin is a yellowish pigment found in bile, a fluid made by the liver. A small amount of older red blood cells are replaced by new blood cells every day. Bilirubin is left after these older blood ... [See more](#)



-0.1

**BILIRUBIN, DIRECT**  
(mg/dL)

0.1

Range: < OR = 0.2

### BILIRUBIN, DIRECT

(mg/dL)

Bilirubin is a yellowish pigment found in bile, a fluid made by the liver. A small amount of older red blood cells are replaced by new blood cells every day. Bilirubin is left after these older blood ... [See more](#)

0.2



**BILIRUBIN, INDIR...**  
(mg/dL (calc))

0.5

Range: 0.2-1.2

### BILIRUBIN, INDIRECT

(mg/dL (calc))

Bilirubin is a yellowish pigment found in bile, a fluid made by the liver. A small amount of older red blood cells are replaced by new blood cells every day. Bilirubin is left after these older blood ... [See more](#)

1.2

-0.1



**ALKALINE PHOSP...**  
(U/L)

39

Range: 37-153

### ALKALINE PHOSPHATASE

(U/L)

Alkaline phosphatase (ALP) is a protein found in all body tissues. Tissues with higher amounts of ALP include the liver, bile ducts, and bone.

153

0



AST  
(U/L)

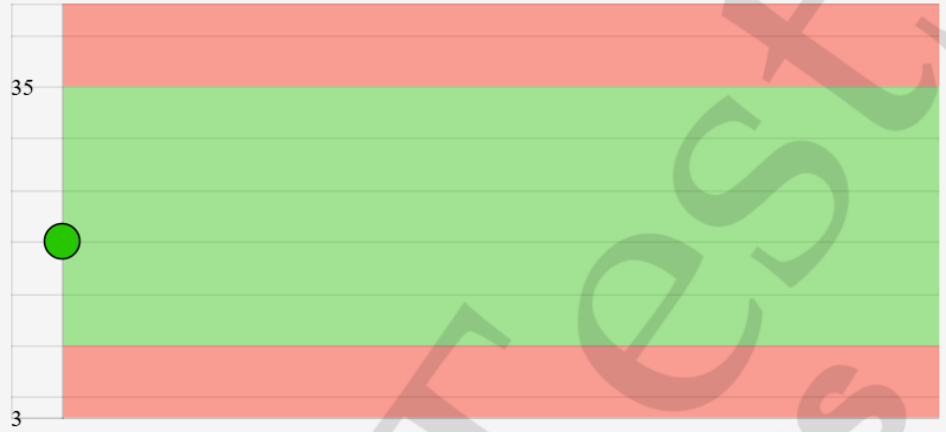
20

Range: 10-35

### AST

(U/L)

AST (aspartate aminotransferase) is an enzyme found in high amounts in liver, heart, and muscle cells. It is also found in lesser amounts in other tissues.



ALT  
(U/L)

23

Range: 6-29

### ALT

(U/L)

Alanine transaminase (ALT) is an enzyme found in the highest amounts in the liver. Injury to the liver results in release of the substance into the blood.

