

Acute Hepatitis Panel Test

Hep A, B &C, Liver Function

Acute Hepatitis Panel \$192

Specimen Type: Blood

Description:

The **Acute Hepatitis Panel** is designed to help detect **early exposure** to the 3 most common **Hepatitis Viruses**. The tests in this package look for indicators which will typically be present after a recent infection with **Hepatitis A, B or C**. This package includes the **Hepatitis A IgM Antibody, Hepatitis B Surface Antigen, Hepatitis B Core Antibody and Hepatitis C Antibody**. This package also includes a **Hepatic Function panel** which provides 7 measurements related to **liver function**.

These tests are usually ordered when someone has symptoms associated with liver damage such as:

- Fever
- Fatigue
- Joint Pain
- Nausea, vomiting and abdominal pain
- Jaundice
- Dark colored urine or pale stool
- Itching and skin irritation

Hepatitis testing can also be done when someone is concerned they have recently had an exposure **even if they are not currently experiencing symptoms**. **Hepatitis A** is typically spread through exposure to **fecal matter** or contaminated water or food. **Hepatitis B** is spread through **infected blood or bodily fluids**, usually through sexual contact. **Hepatitis C** is typically spread through **contaminated blood** by sharing needles for intravenous drug use, using improperly sterilized tattoo or piercing equipment and sexual contact.

Turnaround time for the Acute Hepatitis Panel is typically 2 business day.

Note: Result turnaround times are an estimate and are not guaranteed. Our reference lab may need additional time due to weather, holidays, confirmation/repeat testing, or equipment maintenance.

Acute Hepatitis Panel Test

Hep A, B &C, Liver Function

Hepatitis A IgM Blood Test \$69

Specimen Type: Blood

Description:

This test is used to screen for **recent exposure** to the **Hepatitis A virus**. Hep A is a liver infection which is typically spread through exposure to **contaminated fecal matter**. Some of the common ways Hep A is spread include

- Through contaminated drinking water
- Eating food prepared by someone who has not properly washed their hands
- Eating produce that has not been properly washed
- Eating seafood raised in contaminated water
- Through some forms of sexual contact
- Exposure to infected blood

This test looks for **antibodies** which develop shortly after infection. IgM antibodies are usually detectable 3-4 weeks after exposure and fade out after a couple of months. After recovery, IgG antibodies develop and often provide **immunity** from future infections.

Hepatitis A is typically associated with **flu-like symptoms**. Common symptoms include nausea, vomiting, diarrhea, abdominal pain, loss of appetite, fever, fatigue, and joint pain. In some cases, especially in younger children, Hep A may show no symptoms.

The Hepatitis A IgM Abs test is typically ordered by people who are experiencing symptoms associated with Hep A or have reason to believe they may have been recently exposed to Hep A. People wishing to test for past exposure to Hep A or to verify the status of their immunity to Hep A may wish to order the [Hepatitis A Total](#) test.

Turnaround time for the Hepatitis A IgM Abs test is typically 2 business day.

Note: Result turnaround times are an estimate and are not guaranteed. Our reference lab may need additional time due to weather, holidays, confirmation/repeat testing, or equipment maintenance.

Incubation Period:

Hepatitis A IgM antibodies are usually detectable 3 to 4 weeks after an initial exposure and return to normal after about 8 weeks.

Requirements: This Hepatitis A testing does not have any special requirements.

Acute Hepatitis Panel Test

Hep A, B &C, Liver Function

Hepatitis B Surface Antigen Blood Test \$55

Specimen Type: Blood

Description:

This test is used to screen for infection with the **Hepatitis B (Hep B) virus**. The **Surface Antigen** test looks for a protein which is present on the surface of the virus. This protein will be present in the blood with an **acute or chronic** Hep B infection. Because it has a fairly early detection window, the Surface Antigen Test is often ordered by people who believe they have had a recent exposure. This test can detect the presence of Hepatitis B in chronic or long-term infections even if the person has no symptoms.

Hepatitis B is a viral liver infection which is spread through exposure to **infected blood or bodily fluids**. It is the most common cause of acute viral Hepatitis. Hepatitis B infections often show no symptoms but when symptoms do occur they are often described as flu-like. Common symptoms include abdominal pain, fever, and loss of appetite, nausea, joint pain, fatigue, jaundice, and dark colored urine. Chronic Hep B infections can cause serious health complications like Cirrhosis and Liver Cancer.

The Surface Antigen test is the **most commonly ordered screening for Hepatitis B**. This test may be ordered because a person believes they are experiencing symptoms, or is simply concerned that they have had a recent or past exposure. In some cases this test is ordered by people who have had irregular levels from tests such as the [ALT](#) or [AST](#). Someone who is concerned they have had an exposure which may be too recent for a Surface Antigen test to detect also order a [Hepatitis B PCR Qualitative](#) or [Hepatitis B PCR Quantitative](#) test. These can both detect viral genetic material as early as a few weeks after exposure.

Turnaround time for the Hepatitis B Surface Antigen test is typically 2 business day.

Note: Result turnaround times are an estimate and are not guaranteed. Our reference lab may need additional time due to weather, holidays, confirmation/repeat testing, or equipment maintenance.

Incubation Period:

For the majority of people, this test will have the highest level of accuracy at 12 weeks from an exposure or any time after. Some people may be detectable as early as 4 weeks from exposure.

Requirements: This Hepatitis B testing does not have any special requirements.

Acute Hepatitis Panel Test

Hep A, B &C, Liver Function

Hepatitis C Antibody Blood Test \$69

Specimen Type: Blood

Description: The **Hepatitis C Abs test** is the **most commonly ordered screening for Hepatitis C (HCV)** infections. This test looks for antibodies which develop in response to an infection. These antibodies are usually detectable at 4-12 weeks or greater after exposure. Results for this test are quantitative and will indicate a reactive (positive), nonreactive (negative), or in some cases, equivocal result.

Hepatitis C is a virus spread through contact with **infected blood**. Nearly 80% of Hepatitis C infections develop into chronic Hepatitis. The number of people worldwide with chronic Hepatitis C infections is around 150 million. Chronic Hepatitis C infections can lead to serious health complication such as Cirrhosis and Liver Cancer. Many HCV infections display **no symptoms**. When symptoms do occur, some of the most common include:

- Fever
- Fatigue
- Loss of appetite
- Nausea
- Vomiting
- Abdominal pain
- Dark colored urine
- Grey feces
- Jaundice (yellowing of the skin or eyes)

Hepatitis C can be spread in a variety of ways. Some of the most common include intravenous drug use, improperly cleaned or sterilized tattoo and piercing equipment, sexual contact, blood transfusions (prior to the early 1990's when stricter screening techniques were implemented for donated blood), and from an infected mother to her infant during birth.

The Hepatitis C Abs test is most commonly ordered as a routine screening. This test can be ordered by anyone who is concerned they have been exposed to the Hepatitis C virus regardless of whether they are experiencing symptoms or not. For a recent exposure, the [Hepatitis C RNA PCR Qualitative](#) test may be more accurate.

Turnaround time for the Hepatitis C Abs test is usually 2 business day.

Incubation Period: For the majority of people, this test will have the highest accuracy at 12 weeks from an exposure or anytime after. Some people may be detectable as early as 4 weeks from exposure. In rare circumstances, it could take past 6 months to be detectible.

Requirements: This Hepatitis C testing does not have any special requirements.

Acute Hepatitis Panel Test

Hep A, B &C, Liver Function

Hepatic Function Blood Test \$49

Specimen Type: Blood

Description:

The **Hepatic Function test (Liver Function Panel)** is a common health screening that can help to identify conditions affecting the liver. This test is also used to monitor people who are being treated for liver disease.

The Hepatic Function Panel includes the following tests:

- **Alanine Amino Transferase (ALT):** An enzyme produced by the liver which is typically elevated in cases of liver damage.
- **Aspartate Amino Transferase (AST):** A liver enzyme which is typically elevated in cases of liver damage or Hepatitis.
- **Alkaline Phosphatase (ALP):** An enzyme found in the liver and bones which are increased when there is liver or bone damage.
- **Protein, Total:** A measure of albumin and all other proteins on the blood.
- **Albumin:** The main protein produced by the liver.
- **Bilirubin, Total:** Helps to identify conditions such as anemia, sickle cell, hepatitis, cirrhosis, and alcohol and drug abuse.
- **Bilirubin Direct:** Used in conjunction with Total Bilirubin to aid in the diagnosis of liver disorders.

A Hepatic Function Panel is usually ordered as a general health screening. It can also be ordered when someone is experiencing symptoms associated with liver disorders or has risk factors for Liver Disease. Risk factors can include heavy alcohol use, diabetes, and possible exposure to Hepatitis viruses, a family history of liver disease, high blood pressure, and taking medications which may damage the liver.

Customers who are looking for a more comprehensive screening can also order the [Comprehensive Metabolic Panel \(CMP\)](#). The CMP includes all of the components of a Hepatic Function Test except for Bilirubin Direct.

Turnaround time for the Hepatic Function test is typically 2 business day.

Note: Result turns around times are an estimate and are not guaranteed. Our reference lab may need additional time due to weather, holidays, confirmation/repeat testing, or equipment maintenance.

Requirements: The Hepatic Function test has no fasting requirements.