

- [HBsAg](#)
- [Features & Benefits](#)
- [Determine HBsAg Performance Data](#)
- [How to Use](#)
- [Determine HBsAg Product](#)
- [Specifications](#)
- [Determine HBsAg FAQ](#)



About Hepatitis

Determine HBsAg

Hepatitis is an inflammation of the liver and is caused by one of five viruses – A, B, C, D and E. Hepatitis B is the most common serious liver infection and remains endemic in large portions of the world.

HBV is easily transmitted and can occur through direct blood-to-blood contact, sexual contact, use of un-sterile needles, child to child in endemic areas and from a mother to her baby during the delivery process.

In many developing countries almost all children become infected with the virus and can carry and transmit HBV for many years beyond childhood. Left untreated in the body, the virus can develop into chronic hepatitis B, which can lead to cirrhosis or liver cancer. Liver failure is almost always fatal.

“Hepatitis B is one of the major diseases of mankind and is a serious global public health problem” World Health Organization (WHO)

Hepatitis B remains endemic in large portions of the world with an estimated 2 billion people currently infected, of which 350 million have chronic (lifelong) hepatitis B (HBV) infection.

According to WHO, 4 million people each year become newly infected, with 1 million people dying annually from hepatitis B or associated liver diseases. HBV is the 10th leading cause of death worldwide.

In much of sub-Saharan Africa, most of Asia and the Pacific, the majority of people become infected with HBV during childhood and 8%-10% of the general population become chronically infected. High rates of chronic HBV infection are also found in the Amazon and southern parts of Eastern and Central Europe. Young children who become infected with HBV are most likely to develop chronic infection.

Hepatitis B is preventable with safe and effective vaccines but many children in the poorest countries do not have access to them. Current vaccines cannot cure chronic hepatitis B, but are 95% effective in preventing chronic infections from developing.

More rapid testing and diagnosis of hepatitis B can detect active infection, both acute and chronic, as well as help reduce the spread of the disease by identifying chronic carriers who might otherwise look and feel healthy, but are highly infectious.

Determine® HBsAg provides easy, fast and accurate diagnosis and can be relied upon almost anywhere in the world.

[Determine HIV Test](#) [Determine HIV-1/2 Ag/Ab](#) [Determine Hepatitis B Test](#) [Determine Syphilis Test](#) [Site Map](#)

Determine HIV-1/2 Ag/ Ab Combo is currently not available in the US