



## HBV Precore Site 1896 Mutation Real Time PCR Kit

**Product Categories:** [Fabricante](#), [Humana](#), [Kit para el Virus de la Hepatitis](#), [Liferiver](#), [PCR](#)

**Product Page:** <http://vacunek.com/shop/manufacturero/liferiver/hbv-precure-site-1896-mutation-real-time-pcr-kit/>

### Product Summary

HD-0005

### Product Description

#### 1. Intended Use

HBV Precore Site 1896 Mutation real time PCR kit is used for the detection of HBV Precore Site 1896 Mutation in serum or plasma samples by using real time PCR systems.

#### 2. Product Description

Hepatitis B virus (HBV) is one of the most common infectious diseases in the world. More than 300 million people worldwide are estimated to have chronic HBV infection. Ten percent of these patients will die as a direct consequence of persistent viral infection. HBV wild type is the dominant strain during the long-term course of chronic HBV infection during childhood. An important G to A mutation at nucleotide 1896 of the HBV precore gene, which may lead to a stop codon causing a failure of hepatitis e antigen production (HBeAg negative, HBV DNA positive), has been shown to be associated with fulminant and severe hepatitis, as well as reactivation of HBV in patients undergoing cytotoxic chemotherapy.

HBV Precore Site 1896 Mutation real time PCR kit contains a specific ready-to-use system for the detection of the HBV Precore Site 1896 Mutation by PCR (polymerase chain reaction) in the real-time PCR system. The detection is performed in fluorimeter channel FAM with the fluorescent quencher BHQ1. There are two reaction MIX in the kit. One reaction MIX contains a probe for HBV conserved region, and the other reaction MIX contains another probe which is for HBV 1896 site. DNA extraction buffer is available in the kit.