

BIN024**Human Hepatitis B Core Antigen / HBcAg - Azide Free****Alternate names:**

HBV Capsid protein, HBV Core protein, p21.5

Quantity:

1 mg

Concentration:

1.8 mg/ml

Background:

Hepatitis B Virus Core Antigen (HBcAg) is part of the infectious virion containing an inner "core particle" enclosing the viral genome. The icosahedral core particle contains 180 or 240 copies of the core protein. HBcAg is one of the three major clinical antigens of hepatitis B virus but disappears early in the course of infection. The hepatitis B virus core antigen (HBcAg) is a highly immunogenic subviral particle and functions as both a T-cell-dependent and a T-cell-independent antigen. Therefore, HBcAg may be a promising candidate target for therapeutic vaccine control of chronic HBV infection.

Species:

Human

Source:*Pichia pastoris***Format:****State:** Liquid purified fraction**Purity:** >95% pure by SDS-PAGE (compares with reference lot).**Buffer System:** 0.02M Potassium Phosphate, pH 6.5 +/- 0.3 without preservatives.**Applications:**

ELISA and Western blot.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Description:

Recombinant Hepatitis B Virus Core Antigen. Full length Hepatitis B core protein, 183 amino acids. Does not contain a fusion partner. Major immunospecific band migrating between 20-25 kDa (approximately 19kDa) and produced in *Pichia pastoris*.

Add. Information:

Internal Thread Vial. Centrifuge Product Before Opening!!

Storage:

Aliquot and store at < -65°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Caution:

All materials should be handled as if potentially infectious. Generally accepted laboratory practices appropriate for infectious materials should be employed when handling this product.

Pictures:

