

Recombinant Hepatitis B Virus HBcAg(ayr), His-tagged

Cat.No:DAG2293

Lot. No. (See product label)

PRODUCT INFORMATION

species	Hepatitis B Virus
Applications	WB standard, antibody ELISA, immunogen, etc.
Storage	Store at 4°C; DO NOT FREEZE; stable for 1 year from the date of shipment. Non-hazardous. No MSDS required
Antigen Description	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.
Concentration	N/A
Source	E. coli
Tag	His
Form	Each vial contains 100 µg of lyophilized protein in PBS with 8M Urea.
AA Sequence	a.a. 1-149
Purity	>95% , based on SDS PAGE
Dilutions	with 100 µl of Millipore water.

Background

Introduction	Hepatitis B virus, abbreviated HBV, is a species of the genus Orthohepadnavirus, which is likewise a part of the Hepadnaviridae family of viruses. This virus causes the disease hepatitis B.
Keywords	Hepatitis B Core Ag; Hepatitis B Core Antigen; HBcAg; Hepatitis B Virus Core Antigen; Hepatitis B virus; HBV; Core antigen; C; Capsid protein; Core protein; HBc; p21.5; Hepadnaviridae; Orthohepadnavirus