



# Recombinant HBV Core Antigen (a.a. 1-186) [His] (DAG1452)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Recombinant HBcAg fused to a His tag containing the HBV core immunodominant region amino acids 1-186 was expressed in <i>E. coli</i> and purified by proprietary chromatographic technique.
<b>Species</b>	HBV
<b>Purity</b>	> 90% pure as determined by 10% PAGE (Coomassie staining).
<b>Conjugate</b>	His
<b>Applications</b>	HBV Core antigen is suitable for ELISA and Western blots, excellent antigen for detection of HBV with minimal specificity problems.
<b>Size</b>	100 µg, 500 µg, 1 mg
<b>Buffer</b>	25mM Tris-HCl pH-8.0, 1.5mM Urea and 50% glycerol.
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

## BACKGROUND

<b>Introduction</b>	HBcAg (core antigen) is a hepatitis B viral protein. It is an indicator of active viral replication; this means the person infected with Hepatitis B can likely transmit the virus on to another person (i.e. the person is infectious).
<b>Keywords</b>	Hepatitis B core antigen; HBcAg; Hepatitis B Core Antigen