

Datasheet: OBT0911

BATCH NUMBER 167200

Description:	RECOMBINANT HEPATITIS B CORE ANTIGEN
Name:	HEPATITIS B CORE ANTIGEN
Other names:	HBcAg
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Viral
Product Form	Recombinant protein produced in <i>Escherichia coli</i> - liquid
Source	E.coli
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	50% Glycerol
Approx. Protein Concentrations	Total protein concentration 1.0 mg/ml

Product Information Recombinant Hepatitis B virus core antigen (HBcAg), amino acids 1-183.

Hepatitis B core antigen is an indicator of active viral replication. A patient infected with Hepatitis B testing positive for the core antigen is more likely to transmit the virus to others.

Protein Molecular Weight	18 kDa (SDS PAGE estimate)
Purity	~95% by SDS PAGE
Storage	<p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10260 available at:</p> <p>https://www.bio-rad-antibodies.com/SDS/OBT091110260</p>
Regulatory	For research purposes only

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
----------------------------------	---	------------------	---	---------------	---

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
'M421125:230706'

Printed on 19 Jan 2024