

HEPATITIS B VIRUS (HBV) CONCENTRATE

PRODUCT DESCRIPTION:

Hepatitis B Virus (HBV) is an enveloped icosahedral virus approximately 42 nm in diameter that contains a circular DNA.

HBV Concentrate is produced from HBV positive human plasma, which is semi-purified and resuspended in PBS.

Each lot of viral concentrate is assayed by quantitative PCR and is sold with values $>10^6$ IU/mL. *Actual values will be indicated on each lot's COA.*

Viral Concentrate is sold in 1.0 mL aliquots and is shipped on dry ice.

Custom orders are available, including specific concentrations and package sizes.

INTENDED USE:

This product is intended for research, product development testing, or quality assurance testing.

Viral concentrates are sold as consumable testing materials, and are not for propagation or commercialization. Applications include:

- Nucleic Acid / Molecular Testing
- Limit of Detection (LOD) Studies
- Cross-reactivity Studies
- Other Viral-based Assays

The purchase of live organisms from ZeptoMetrix requires a Material Transfer Agreement (MTA).

Propagation and Transfer of Live Materials is Prohibited without Prior Written Consent of ZeptoMetrix.

ETIOLOGIC STATUS/BIOHAZARD TESTING:

HBV is a Biosafety Level 2 organism.

PRECAUTIONS:

USE UNIVERSAL PRECAUTIONS when handling this product!

Viral Concentrate is live and infectious!!

This material should be handled as if capable of transmitting infectious agents.

RECOMMENDED STORAGE:




Viral concentrate is stable for at least one year when stored at -65°C or below.

To avoid repeat freeze-thaws, which could negatively impact performance, this product should be stored in aliquots upon receipt.

DO NOT USE IN HUMANS. FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

These products are NOT intended for use in the manufacture or processing of injectable products subject to licensure under section 351 of the Public Health Service Act, or for any other product intended for administration to humans.

This product was manufactured in a facility which has a Quality Management System that is ISO 13485 certified.

REF	Catalog Number		Temperature Limitation
LOT	Lot Number		Biological Risk
RUO	For Research Use Only		Date of Manufacture

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