

**EPSTEIN BARR VIRUS (EBV)
Heat Inactivated Culture Fluid**

PRODUCT DESCRIPTION:

Epstein-Barr Virus (EBV) is a human Herpes virus (HHV-4) and has a diameter of approximately 120 to 180 nm. It is an enveloped icosahedral virus that contains a nucleocapsid and double-stranded linear DNA.

EBV is propagated in a transformed marmoset leukocyte cell line.

Heat inactivated culture fluids are sold in 1.0 mL aliquots, and shipped on dry ice.

Since EBV is grown in a transformed cell line, it cannot be titered by TCID₅₀. Each lot of viral culture fluid is assayed by real-time PCR and comes with copy number / mL quantitation.

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

INTENDED USE:

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

Heat inactivated culture fluids are sold as consumable testing materials. Applications include:

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

ETIOLOGIC STATUS/BIOHAZARD TESTING:

EBV is a Biosafety Level 2 organism.

PRECAUTIONS:

USE UNIVERSAL PRECAUTIONS when handling this product!

Heat inactivated culture fluids are treated by a method validated to be effective for virus inactivation. However, no method can be guaranteed 100% effective.

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

RECOMMENDED STORAGE:

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

To avoid repeat freeze-thaws, which could negatively impact product performance, store heat inactivated culture fluids in smaller working aliquots.

DO NOT USE IN HUMANS!

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.

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Research Use Only

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