

AR00045PU-N**Epstein Barr Virus / EBV - Lysate****Alternate names:**

HHV-4, HHV4

Quantity:

1 ml

Concentration:

24.14 mg/ml (Dye Binding Assay)

Background:

Epstein Barr virus (EBV) is a member of the herpes virus family and one of the most common human viruses. Most people become infected with EBV during their lives. Primary infections usually results in infectious mononucleosis (glandular fever) but the virus can also lay dormant in B lymphocytes and when reactivated become associated with more serious disease such as Burkitt's lymphoma, nasopharyngeal carcinoma and Hodgkin's disease.

Source:

P3H3 cells, (P3H3 Human Burkitt's Lymphoma cells)

Format:**State:** Liquid Lysate**Purity:** Chronically infected cells are harvested by centrifugation and disrupted by sonication and cell debris is removed by centrifugation.**Buffer System:** Tris with NP40, Sodium Deoxycholate and PMSF**Preservatives:** None**Applications:**Variety of Immunoassay formats including Microwell **ELISA**.

This product should be sonicated immediately prior to use to ensure that the preparation is uniform.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Description:

Epstein Barr Virus (EBV) Antigen.

Inactivation: Detergent and sonication.**Storage:**

Upon receipt, store (in aliquots) at -20°C to -80°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Caution:

No test guarantees a product to be non-infectious. All materials should be handled as if potentially infectious. Generally accepted laboratory practices appropriate for infectious materials should be employed.