

Viral EPSTEIN-BARR VIRUS

Specificity

The Epstein-Barr virus (EBV, also called human herpesvirus 4) is a member of the herpes family. It is a very common virus in humans and most people will become infected with it at some point in their lives, normally during childhood. Symptoms are absent or similar to various other mild childhood illnesses. Infection confers immunity which prevents re-infection. When infection occurs during adolescence or young adulthood it may cause infectious mononucleosis, or glandular fever. It is characterised by fever, sore throat and fatigue. The infection is normally self-limiting and only symptomatic treatment is generally required. Serious complications are rare.

Target Species

Viral

Product Form

Purified Protein - liquid

Preparation

Chronically infected P3H3 cells are harvested by centrifugation, disrupted by sonication and cell debris removed by centrifugation. The lysate is purified on an immunoaffinity column using a monoclonal antibody against gp125.

Preservative Stabilisers

None present

Approx. Protein Concentrations

Batch specific. Please enquire for Certificate of Analysis.

Buffer Solution

20mM Tris-HCl, 3M MgCl₂, pH7.4

Source

The protein is purified from the P3H3 cell line, a human Burkitt's Lymphoma cell line chronically infected with Epstein-Barr virus.

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