

EPSTEIN-BARR VIRUS ANTIGEN



Epstein-Barr Virus (EBV) is one of the most common and widely disseminated human viruses, and is the etiological agent of infectious mononucleosis (IM).

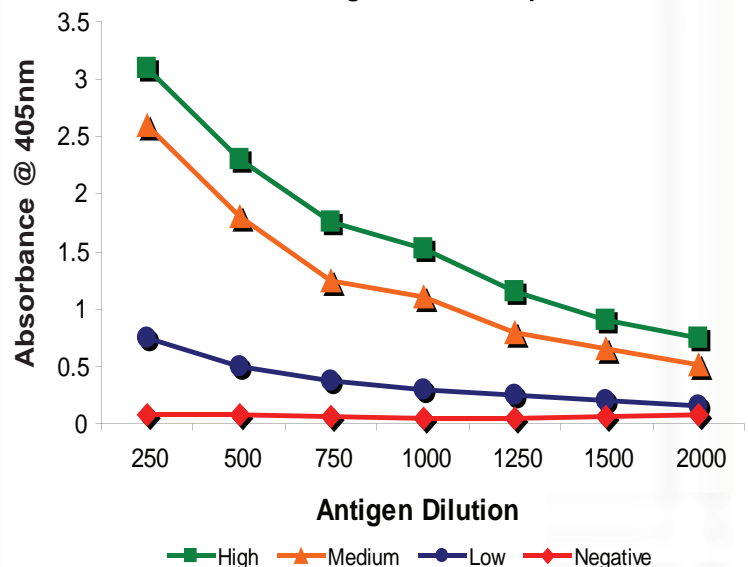
PRODUCT	DESCRIPTION	BUFFER	PROTEIN CONCENTRATION	STORAGE	PACKAGING
8180 gp125 Antigen	Affinity Purified Inactivation: detergent disruption	0.02M Tris, pH 6.4-7.2 with 3M MgCl	5.0 - 20.0µg/mL ~90% gp125	-65°C or Below	Shipped on Dry Ice

IM, also called "Kissing Disease" because of its prevalence in young adults, may vary from mild to severe - but it is rarely fatal. Mononucleosis must be distinguished from a variety of other infectious diseases that cause fever and inflammation of the upper respiratory tract. A syndrome similar to EBV-induced mononucleosis may be the result of a Cytomegalovirus or Toxoplasma infection.

Epstein-Barr Virus Antigen, Product #8180 is prepared from a detergent extraction of P₃HR-1 or P₃H₃ cells that have been induced by the use of TPA and sodium butyrate to produce viral proteins. EBV gp125 is purified from this extract by affinity chromatography using a monoclonal antibody specific to the gp125 protein.

Serologic tests are an important aid in diagnosis of EBV infection. The presence of IgG antibody to capsid antigen and to the Epstein-Barr nuclear antigen (EBNA) indicates past infection. Current infection is usually detected by presence of IgM antibody to EBV capsid antigen (gp125).

**EBV-VCA gp125 Antigen (#8180) ELISA Titration
Human IgM Serum Samples**



VA-EBV 06/09/09

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