



Anti-HSV type 1 Polyclonal antibody (DPAB1412)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	ICPs and late structural (virion) antigens. Cross-reacts with HSV Type 2 by indirect immunofluorescence. Does not react with HEp-2 cells.
Target	HSV type 1
Immunogen	HSV type 1, strain F (Human) infected cell lysate
Source/Host	Goat
Species Reactivity	HSV
Purification	Purified IgG fraction covalently coupled to a highly purified preparation of horseradish peroxidase (RZ3). Care is taken to ensure adequate conjugation while preserving enzyme activity. Free enzyme is not present. The estimated molar HRP:IgG substitution is 2-3
Conjugate	Unconjugated
Applications	Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	HRP, Liquid
Concentration	1–2mg/ml (OD _{280nm} , E _{0.1%} = 1.4)
Size	1 ml
Buffer	PBS, pH 7.2 containing 10mg/ml BSA
Preservative	None

Storage Short-term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction Herpes simplex type 1 (HSV-1) belongs to a family that includes HSV-2, Epstein-Barr virus (EBV) and Varicella zoster (chicken pox) virus amongst others. HSV-1 and HSV-2 are extremely difficult to distinguish from each other. Members of this family have a characteristic virion structure. The double stranded DNA genome is contained within an icosahedral capsid embedded in a proteinaceous layer (tegument) and surrounded by a lipid envelope, derived from the nuclear membrane of the last host, which is decorated with virus-specific glycoprotein spikes. These viruses are capable of entering a latent phase where the host shows no visible sign of infection and levels of infectious agent become very low. During the latent phase the viral DNA is integrated into the genome of the host cell.

Keywords Herpes simplex virus 1; Herpes Simplex Virus; Herpes Simplex Virus Type 1; HSV 1; Human herpesvirus 1; Human herpesvirus type 1
