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Product datasheet for AR00153PU-N

VZV / HHV-3 (Ellen Strain) Protein

Product data:

Product Type:	Recombinant Proteins
Description:	VZV / HHV-3 (Ellen Strain) protein, 1 mg
Concentration:	lot specific
Purity:	Infected cells are harvested and antigen extracted by alkaline treatment, sonication and detergent extraction. Glycoproteins are isolated by column chromatography using Lecithin.
Buffer:	State: Liquid purified protein Buffer System: 0.1M glycine buffer, pH 9.6
Preparation:	Liquid purified protein
Protein Description:	Varicella Zoster Virus (VZV) glycoprotein (Ellen Strain) Antigen.
Note:	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 when handling this product.
Storage:	Store the protein at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Synonyms:	Varizella zoster, HHV3
Summary:	Varicella Zoster Virus (VZV), a member of the human herpes virus family, causes two distinct clinical manifestations: childhood chickenpox(Varicella) and shingles (zoster). Varicella is the outcome of the primary infection with VZV, whereas, zoster is the result of VZV reactivation from latently infected sensory ganglia which occurs predominantly in aging and immunosuppressed individuals. VZV is closely related to the herpes simplex viruses (HSV), sharing much genome homology. The known envelope glycoproteins (gB, gC, gE, gH, gI, gK, gL) correspond with those in HSV, however there is no equivalent of HSV gD. VZV virons are spherical and 150-200 nm in diameter. Its lipid envelope encloses the nucleocapsid of 162 capsomeres arranged in a hexagonal form. Its DNA is a single linear, double strand molecule, 125,000 nt long.

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