OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850
UNITED STATES
Phone: +1-888-267-4436
Fax: +1-301-340-8606
techsupport@origene.com

OriGene Technologies GmbH
Schillerstr. 5
32052 Herford
GERMANY
Phone: +49-5221-34606-0
Fax: +49-5221-34606-11
info-de@origene.com

AR00153PU-N VZV / HHV-3 (Ellen Strain)

Alternate names: HHV3, Varizella zoster

Quantity: 1 mg

Concentration: 1.67mg/ml (Bradford)

Background: 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.

Source: Human Embryo Lung Cell Culture

Format: **State:** Liquid purified protein
Purity: Infected cells are harvested and antigen extracted by alkaline treatment, sonication and detergent extraction. Glycoproteins are isolated by column chromatography using Lecithin.
Buffer System: 0.1M glycine buffer, pH 9.6

Description: Varicella Zoster Virus (VZV) glycoprotein (Ellen Strain) Antigen.
Inactivation: Detergent treatment during processing. Confirmation by attempted growth under original culture conditions.

Storage: Store the protein at -20°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 when handling this product.