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VZV ORF9

Description: The E.Coli derived recombinant protein contains the VZV ORF9 immunodominant regions, amino acids 6-28, 76-100.

Catalog #:VZPS-239

Purity: Varicella protein is >95% pure as determined by 10% PAGE (coomassie staining).

For research use only.

Specificty:

Immunoreactive with sera of VZV-infected individuals.

Formulation:

25mM Tris-Hcl pH 8.0, 1mM EDTA and 50% glycerol.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals .

Applications:

Varicella Zoster antigen is suitable for ELISA and Western blots, excellent antigen for detection of VZV with minimal specificity problems.

Introduction:

VZV is closely related to the herpes simplex viruses(HSV), sharing much genomehomology. 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. Their lipidenvelope encloses the nucleocapsid of 162 capsomeres arranged in a hexagonalform. Its DNAis a single, linear, double-stranded molecule, 125,000 nt long. The virus is very susceptible to disinfectants, notably sodium hypochlorite. Within the body it can be treated by a number of drμgs and therapeutic agents including aciclovir, zoster-immune globulin(ZIG), and vidarabine.

Storage:

Varicella protein althoμgh stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

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