Varicella-zoster virus Purified Glycoproteins

DAG3110 VZV

Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Varicella-zoster virus Purified Glycoproteins
Antigen Description	Glycoprotein G is suggested to contribute to viral entrythrough apical surfaces of polarized cells.
Description	Varicella-zoster virus Purified Glycoproteins
Species	VZV
Purity	Lectin affinity purified
Applications	ELISA; Western Blot
Usage	For Research or Further Manufacturing Use Only Not for Use in Diagnostic Procedures

PACKAGING

Storage	Upon receipt, store at -70°C. Product degradation will result from multiple freeze/thaw cycles. It is suggested that the antigen be stored in use size aliquots and thawed just prior to use. Storage at 2-8°C for up to 12 hours is acceptable for unused port
Concentration	0.38 mg/mL

BACKGROUND

Introduction	Varicella-zoster virus (VZV or HHV3) is a member of the genus Varicellovirus in the Alphaherpesvirinae subfamily of the Herpesviridae. It is the causative agent of chicken pox (varicella) in children, after which it establishes latency in the sensory ganglia with the potential to reactivate at a later time to cause shingles (zoster). This is an extremely stable virus. The genome is comprised of ~125 kb of linear double-stranded DNA containing approximately 71 open reading frames (ORFs). The viral structure is similar to that of other alphaherpesviruses, consisting of two unique regions, unique long and unique short, each flanked by inverted repeats; short repeats termed terminal repeat long and internal repeat long border the unique long region, while larger repeats termed terminal repeat short (TRS) and internal repeat short (IRS) border the unique short region. Varicella-zoster virus (VZV) interacts with cell surface heparan sulfate proteoglycans during virus attachment.
Keywords	VZV Ag, gG; Varicella-Zoster Virus Glycoprotein G; Glycoproteins; Varicella zoster virus; VZV; Human herpes virus 3; HHV 3; HHV3; Human herpes virus 3; Membrane glycoprotein gG; Varicella Zoster Virus; VZVgG; Herpesviridae; Varicellovirus

REFERENCES

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45-16 Ramsey Road Shirley, NY 11967, USA
Tel: 631-624-4882 ·Fax:631-614-7828
E-mail: info@creative-diagnostics.com
www.creative-diagnostics.com