

## Herpes simplex Virus 2 / HSV2 Glyco G (525-578) - Purified

**Catalog No.:** AR10662PU-N

**Quantity:** 0.5 mg

**Concentration:** 1.0 mg/ml

**Background:** Entry of HSV into the host cell involves interactions of several viral glycoproteins with cell surface receptors. The virus particle is covered by an envelope which, when bound to specific receptors on the cell surface, will fuse with the cell membrane and create an opening, or pore, through which the virus enters the host cell. The sequential stages of HSV entry are analagous to those of other viruses. At first, complementary receptors on the virus and cell surface bring the two membranes into proximity. In an intermediate state, the two membranes begin to merge, forming a hemifusion state. Finally, a stable entry pore is formed through which the viral envelope contents are introduced to the host cell.

**Source:** E. coli

**Format:** **Purity:** >95.0% pure as determined by 10.0% PAGE (coomassie staining).

**Purification Method:** Sepharose-Derived Purification.

**Buffer System:** 25mM Tris-HCl, 1mM EDTA, 50% Glycerol

**Applications:** Antigen in ELISA and Western blots, excellent antigen for detection of HSV with minimal specificity problems.  
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Description:** The *E.coli* derived recombinant protein contains the HSV-2 gG immunodominant regions, aminos acids 525-578.

**Specificity:** Immunoreactive with sera of HSV-infected individuals.

**Storage:** Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.  
Avoid repeated freezing and thawing.  
Shelf life: one year from despatch.