

Rubella RSVP (Rubella Spike Viral Protein) Antigen

Rubella RSVP (TM) Antigen (HPV77)

CATALOG # AAA13436	HOST Vero Cells	APPLICATIONS ELISA, Western Blot
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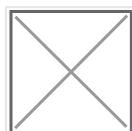
PRODUCT SYNONYMS

Rubella RSVP (Rubella Spike Viral Protein) Antigen; Rubella RSVP (TM) Antigen (HPV77); Rubella RSVP (TM) (Strain HPV77) >90% Viral Protein; Capsid-Free; Rubella RSVP (Rubella Spike Viral Protein) Antigen antigen

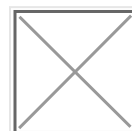
PRODUCT SPECIFICATIONS

Host	Vero Cells
Specificity	Rubella RSVP (TM) (Strain HPV77) >90% Viral Protein, Capsid-Free
Form/Format	Purified
Applicable Applications for Rubella RSVP (Rubella Spike Viral Protein) Antigen antigen	ELISA, WB (Western Blot)
Buffer	0.1M Na Carbonate; 0.1M NaCl pH 8.0 - 8.4
Protein Concentration	0.2 - 0.8mg/mL ~90%Viral Protein
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	-65 degree C or Below

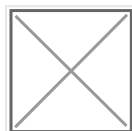
IMAGES



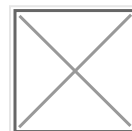
Midpoint Titer Comparison



Certificate of Analysis



WB (Western Blot)



Application Data

ADDITIONAL INFORMATION

Related Product Information for Rubella RSVP (Rubella Spike Viral Protein) Antigen antigen	Purified Rubella RSVP Antigen Viral Strain: HPV77 Propagated in Vero Cells UV Inactivated Introduction: Rubella viral infection (German Measles) is typically a mild and self-limiting disease that is most often contracted during childhood. Primary rubella infections are not common in adults, but if they occur, the infection may have serious consequences in pregnant women. Previous experience with Rubella Western Blot assays of IgM serum samples showed that false positive reactivity frequently is due to the reaction with Rubella capsid antigens. This may be due to cross-reactivity. The Rubella RSVP product was designed to be free of capsid proteins to address potential IgM cross-reactivity issues. The Rubella RSVP antigen is the envelope spike protein comprised of E1 and E2 in the native configuration. These antigens give greater specificity in the detection of Rubella IgM antibodies. Specific Rubella IgM antibodies appear early after infection and react with the envelope proteins (spike protein) in the acute stage of the Rubella viral (German Measles) infections. The Rubella RSVP antigens are prepared by a patented process (patent #6,670,117 and #6,872,396 B2) of extraction of Rubella antigens from cells infected with Rubella Virus strain HPV77. Although the primary intent for this antigen is for the detection of IgM antibodies it can also be used for IgG if desired.
Product Categories/Family for Rubella RSVP (Rubella Spike Viral Protein) Antigen antigen	Infectious Disease Antigens and Toxins

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/vero-cells-antigen/rubella-rsvp-rubella-spike-viral-protein-antigen/13436>