

## Rubella Virus Grade IV PBS Antigen

Cat. No. 6123

STORE AT -95 to -65°C

<b>DESCRIPTION</b>	Rubella Virus Grade IV PBS Antigen
<b>SHIPPING &amp; STORAGE INFORMATION</b>	Store at -95 to -65°C. Avoid multiple freeze/thaw cycles.
<b>SAFETY PRECAUTIONS</b>	Refer to the appropriate Safety Data Sheet (SDS) for additional information.
<b>NOTES</b>	This reagent has been manufactured under ISO13485 quality management system and is suitable for research or further manufacturing use only. Centrifuge before opening to ensure complete recovery of vial contents.

» For ordering and to learn about pack sizes, please [click here](#).

### General Features/Characteristics

<b>VIRAL STRAIN</b>	HPV77
<b>SOURCE</b>	Grown in Vero Cells. Product manufactured in the United States using only domestic materials processed in U.S. facilities.
<b>FORMAT</b>	Purified, Liquid
<b>BUFFER</b>	PBS with Sucrose, without sodium azide, pH 7.4 - 7.7
<b>CONCENTRATION</b>	BCA Assay Acceptable Range: $\geq 0.250$ mg/ml
<b>ACTIVITY</b>	ELISA Assay: Acceptable Range: -15% to +15% of Reference Antigen
<b>INACTIVATION</b>	The Rubella virus is inactivated with exposure to UV radiation at 254 nm wavelength. This wavelength damages the Rubella genetic material preventing the virus from replicating or infecting host cells. The effectiveness of the UV inactivation is verified with a Plaque titer assay. The product is absorbed to Vero cells along with an infectious positive control and non-infectious negative control. The infectivity titer is measured to confirm there are no infectious virus units in the product. Acceptable Range: 0 plaque forming units (PFU/mL)
<b>PRESERVATIVE</b>	None
<b>USAGE NOTES</b>	Recommend sonication using microprobe set to 10% amplitude. Apply 1 - 3 second pulses with sample on ice.

### Applications

Each laboratory should determine an optimum working titer for use in its particular application.

