

## RUBELLA VIRUS GRADE IV ANTIGEN

Cat. No. 6076

STORE AT -95 to -65°C

<b>DESCRIPTION</b>	Rubella Virus Grade IV Antigen
<b>TYPE</b>	Native 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>	<p>Recommend sonication using Microprobe set to 10% Amplitude. Apply 3 1 second pulses with sample on ice.</p> <p>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.</p>

» 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>PURIFICATION</b>	Gradient purification
<b>BUFFER</b>	10 mM Tris, 150 mM NaCl, 1.0 mM EDTA, pH 8.0-8.4
<b>PRESERVATIVE</b>	None
<b>CONCENTRATION</b>	OD 260/280nm Assay Acceptable Range: 0.45 – 0.60 mg/mL
<b>ACTIVITY</b>	ELISA Assay Acceptable Range: -15% to +50% of Reference Antigen
<b>INACTIVATION</b>	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 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 PFU/mL

## Applications

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