

Recombinant Human Rubella E2 Envelope Protein

Cat. No. RubellaE2-153H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Eukaryotic
Description	Recombinant Rubella E2 envelope protein produced as a fusion protein in the Eukaryotic Expression System. Fusion protein mol.wt: approx. 33kD. This protein binds to goat anti- rubella polyclonal antibodies and rubella converted human serum polyclonal antibodies in ELISA (IgG, IgM) and Western Elisa. Antigen tested by dot blots and lateral flow immunochromatographic tests for diagnostic use.
Form	Frozen Liquid
Molecular Mass	33 kD
Purity	> 95 % by SDS-PAGE
Applications	In-Vitro Diagnostics; Immunization; T-Cell Activation (test pending).
Notes	Recommended concentrations for use are approximate values. A dose dependent response assay should be performed to determine the optimal concentration for use in specific applications.

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ELISA and Western ELISA require 10-100ng protein depending on the nature and affinity of the detection reagent. Human serum polyclonal antibodies yield titers of 1:1000 or greater at 100ng of immobilized protein under standard ELISA conditions. Protein concentration for lateral flow rapid diagnostics range from 1-2mg/ml.

Stability	At least 2 years at -75 centigrade.
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Storage	Store at -75 centigrade.
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Dilutions	50mM NaPO ₄ , 0.15M NaCl, pH8
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