



Recombinant Rubella Virus Capsid Protein [His] (DAG-WT1049)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Purity	> 90 % as determined by SDS-PAGE
Conjugate	His
Applications	LF, ELISA
Molecular Weight	38 kDa
Format	Liquid
Size	1 mg
Buffer	10 mM Na ₂ HPO ₄ , 1.8 mM KH ₂ PO ₄ , 140 mM NaCl, 2.7 mM KCl, 1 mM EDTA
Preservative	None
Storage	Store at -20°C

BACKGROUND

Introduction	Rubella virus is the only member of the Rubrivirus genus of the Togavirus family. Unlike most Togaviruses it is NOT arthropod borne, but is acquired via the respiratory route. It is an enveloped (toga=cloak), non-segmented, positive sense, RNA virus and replicates in the cytoplasm. It consists of 3 structural proteins; E1,E2 membrane bound glycoproteins, and C capsid protein. The the two envelope glycoproteins E2 and E1 are found as a heterodimeric spike complex embedded in the lipid envelope.
Keywords	Rubella virus; RuV; RV; Capsid protein; C protein