

Rubella virus Capsid C (1-123) - Purified

Catalog No.: AR10686PU-N

Quantity: 0.5 mg

Concentration: 1.0 mg/ml

Background: Rubella virus is an enveloped positive-strand RNA virus of the family TOGAVIRIDAE: Virions are composed of three structural proteins: a capsid and two membrane-spanning glycoproteins, E2 and E1. During virus assembly, the capsid interacts with genomic RNA to form nucleocapsids.

Source: E. coli

Format: **Purity:** >95% pure as determined by 10% PAGE (coomassie staining).

Purification Method: Sepharose-Derived Purification.

Buffer System: 25mM Tris-HCl, 10mM Glutathione, 0.2% Sarcosyl, 50% Glycerol

Applications: Antigen in ELISA and Western blots, excellent antigen for detection of Rubella virus with minimal specificity problems.

Specificity: Immunoreactive with sera of Rubella virus-infected individuals.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Description: *E. coli* derived recombinant. The protein contains the Rubellavirus capsid (C) regions.

Storage: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.