

Product: Recombinant Rubella Virus E1, E2 & c-core
Catalog #: 12-3034-2
Amount: 100 µg

DESCRIPTION: Recombinant antigen is a virus - like particle (VLP) containing all the three structural rubella virus proteins, namely c-core protein and 2 surface glycoproteins E 1 and E 2 but lacking genomic viral RNA

SOURCE: The recombinant antigen is produced by continuous cell line of an animal origin transfected by plasmid bearing the set of rubella virus structural protein gene

PURITY: >90.0% as determined by:
(a) Analysis by RP-HPLC.
(b) Analysis by reducing and non-reducing SDS-PAGE
Coomassie staining

PROTEIN CONTENT: Protein quantitation was carried out by two independent methods:
1. UV spectroscopy at 280 nm.
2. Analysis by RP-HPLC, using a calibrated solution of Rubella as a Reference Standard

ENDOTOXIN LEVEL: Less than 0.1 ng/µg (IEU/µg) of Rubella

DIMERS & AGGREGATES: Less than 1% as determined by silver-stained SDS-PAGE gel analysis

FORM: Purified by proprietary chromatographic technique

BUFFER: PBS, pH 7.2, 0.1mM PMSF and 0.1 % NaN₃

CONCENTRATION: 1mg/ml

APPLICATION: Tested in EIA and Western blotting using anti-rubella Mab, clone Ru6 (cat.#:) and anti- Rubella virus positive human sera

STORAGE: -20 °C (aliquot), avoid repeated freeze and thaw cycles

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