

## Product datasheet for **AR00129PU-N**

### Measles virus (Strain Edmonston) Protein

#### Product data:

Product Type:	Native Proteins
Description:	Measles virus (Strain Edmonston) protein, 1 mg
Protein Source:	Vero
Concentration:	lot specific
Purity:	Infected cells and culture supernatant are harvested and concentrated by ultracentrifugation. Following sonication and clarification the resulting suspension is again concentrated by centrifugation. The resulting antigen preparation consists of a high concentration of virus and viral components as well as some cellular material
Buffer:	Presentation State: Partially Purified State: Liquid Partially Purified protein Buffer System: Glycine buffer, pH 9.5 without preservatives
Preparation:	Liquid Partially Purified protein
Applications:	Suitable for use in ELISA.
Protein Description:	Rubeola (measles) (Edmonston Strain) Antigen. <b>Source:</b> Vero Cell Culture. <b>Strain:</b> Edmonston, ATCC #VR-24. <b>Inactivation:</b> Beta-propiolactone treatment. Confirmation by attempted growth under original culture conditions.
Note:	Caution: No test guarantees a product to be non-infectious. All materials should be handled as if potentially infectious. Generally accepted laboratory practices appropriate for infectious materials should be employed when handling this product.
Storage:	Upon receipt, store (in aliquots) at -20°C to -80°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Synonyms:	Rubeola virus



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**Summary:**

Rubeola virus (measles virus) is transmitted via respiratory secretions, and causes a very serious febrile illness. It first infects the respiratory mucosa, spreads through the lymphatics and bloodstream, and can then infect the conjunctiva, respiratory tract, urinary tract, GI tract, endothelial cells, and the central nervous system. The maculopapular rash, which starts at the hairline and spreads over the whole body, is caused by immune T cells targeted to the infected endothelial cells of the small blood vessels.

**Protein Families:**

Suitable for use in ELISA.