

## Certificate of Analysis

**Name:** Human Coronavirus NL63 Purified Viral Lysate

**Product Code:** NAT41607-100 / NAT41607-500

**Batch #:**

**Date of Manufacture:**

**Description:** Coronavirus NL63 is a Group 1 CoV, propagated in the Vero cell line. Viral lysate is purified using sucrose density gradient ultracentrifugation, disrupted in the presence of detergent and heat inactivated.

**Health and Safety:** Coronavirus is a Biosafety Level 2 organism. Use universal precautions when handling this product. Viral lysate has been treated by a method validated to be effective for virus inactivation. Viral inactivation is verified for every lot of lysate by the absence of viral growth in validated tissue culture-based infectivity assays. However, no method can be guaranteed 100% effective. This material should be handled as if capable of transmitting infectious agents.

**Amount:** 0.1 mg / 0.5 mg

**Concentration:** Protein concentrations generally range from 0.5 to 3.0 mg/ml.

**Presentation:** Liquid

**Buffer:** 0.5% Triton X-100 non-ionic detergent/0.6 M KCl

**Applications:** Immunoassay development

### Usage Guidelines

**Short Term Storage:** -80°C

**Long Term Storage:** -80°C

**General:** Avoid repeat freeze-thaws. Viral lysate should be stored in aliquots upon receipt.

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**Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.**