

# BioassayPlus Inc.

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## Certificate of Analysis

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Product name:** Recombinant *Coronavirus 229E* nucleoprotein

**Catalog:** Coro229E-capsid

**Description:** *Coronavirus 229E* found in the early 1960s are thought to be responsible for 10-30% all common colds. Other two recently found *coronavirus* are grouped. As the group I, *SARS-Cov* found on 2002 in China and *HCoV- NL63* on 2004, and the group II, *HCoV-HKU1* found on 2005 at Hong Kong.

*Coronavirus 229E* nucleocapsid has strong immunogenicity, reactive to its specific antibody produced by infected individuals. Recombinant 229E nucleocapsid has been used as a diagnostic agent to detect anti-coronavirus antibody in clinical study.

Recombinant coronavirus 229E nucleocapsid is expressed and purified from *E. coli* from, it contains 359 amino acids derived from its nucleocapsid sequence, a C-terminal 6 x His tag is linked to this recombinant protein.

**Source:** *E. coli*

**Format:** Purified, Liquid

**Purification:** >95% pure (12% SDS-PAGE, Coomassie blue stain)

**Concentration:** 0.93mg/ml ( Lot: 04-2020)

**Buffer:** PBS with 25mM K<sub>2</sub>CO<sub>3</sub>

**Applications:** Immunoassay

**Storage:** Upon receipt, store at -20°C. Avoid multiple freeze/thaw cycles.

