

Certificate of Analysis

Name: Porcine Epidemic Diarrhea Virus Nucleoprotein (Insect Cells), His-Tag

Product Code: REC31913-100 / REC31913-500

Batch #:

Date of Manufacture:

Product Description: Recombinant Porcine Epidemic Diarrhea Virus (PEDV) antigen is a recombinant nucleocapsid or N protein derived from Porcine Epidemic Diarrhea Virus and manufactured using the baculovirus expression system.

Expression System: T.ni insect cells

Accession: KJ645707.1

Strain/Isolate: USA/Minnesota84/2013

Amino Acids: 447 (6xHis-tag included)

Tag: 6xHis-tag, C-terminus

Expected Molecular Weight: 49.8 kDa

Amount: 0.1 mg / 0.5 mg

Concentration: mg/ml

Presentation: Liquid

Buffer: Purified protein was dialyzed against 10 mM Tris, pH 8.0, 0.1% Triton X-100 to remove the urea.

Applications: ELISA

Application Notes: Recombinant PEDV-NP-His expression confirmed in infected cells by Western with α -His and α -PEDV-NP specific antibodies. Tested in ELISA with α -PEDV-NP specific antibodies.

Usage Guidelines

Short Term Storage: -80°C

Long Term Storage: -80°C

General Storage Conditions: Repeated freezing and thawing results in degradation of the protein.

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QC

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QA

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