

BoassayPlus Inc.

4510 Rhodes Drive, Windsor, Canada N8W 5K5

Certificate of Analysis

- Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.
- Catalog:** Mumps-np
- Description:** Mumps virus is composed by six major structural protein, nucleoprotein is responsible for viral genome packaging, and formation of replication complexes along with other proteins. Mumps nucleocapsid protein usually elicit a long term immune response in infected persons. Diagnosis of mumps infection is based on specific antibody reaction to mumps nucleoprotein, vaccine developed by this protein could protect mumps infection.
- Full length of mumps nucleoprotein containing 553 amino acids is expressed in *E. coli*, a 6 x his tag is fused at its N terminus. The expressed protein has the size around 62 kDa.
- Source:** *E. coli*
- Format:** Purified, Liquid
- Purification:** >95% pure (12% SDS-PAGE, Coomassie stain).
- Concentration:** 1.23 mg/ml (lot: 7/30/2015)
- Buffer:** Phosphate buffer, pH 7.4
- Applications:** Immunoassay
- Storage:** Upon receipt, store at -20°C. Avoid multiple freeze/thaw cycles.



Mumps 62kDa, new SDS-PAGE
test on Jan 08, 2024