

# BioassayPlus Inc.

4510 Rhodes Drive Windsor, Canada N8W 5K5

## Product Specification Sheet

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

**Product name:** African swine fever virus major capsid, P72.

**Catalog #:** ASF-P72

**Description:** African swine fever virus (ASFV) is the etiologic agent of African swine fever (ASF), a disease of swine characterized by high morbidity and mortality. ASFV is a large DNA virus and the only member of family *Asfarviridae*. Up to 54 polypeptides constitute its multilayered virion, p72 being the major capsid component.

Middle part of p72 protein contains most epitopes tested by monoclonal antibodies, while C-terminal peptide of P72 is used for the genotyping of ASFV isolates.

Amino acids from the residues 40 to 315 was expressed with 6 x His tag, migrated at 33kDa.

**Source:** *E. coli*

**Format:** Purified, Liquid

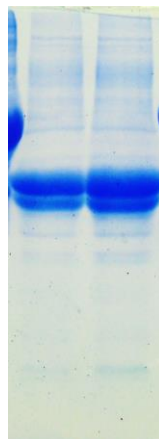
**Purification:** >95% pure (10% SDS-PAGE, Coomassie stain), Proprietary chromatographic technique

**Concentration:** 2.2mg/ml (lot 12-28-2020)

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

**Applications:** ELISA, Western blot

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



← ASFV P72 P72, 2.2mg/ml, lot: 12-28-2020