

ASFV P30

African Swine Fever Virus P30
VAG0004

Product Overview

Name ASFV P30

Description

African Swine Fever Virus P30

Accession (Primary) [B2MUN3](#)

Introduction

African swine fever virus (ASFV) causes African swine fever (ASF), a disease of swine characterized by high morbidity and mortality. ASFV is a large DNA virus which belongs to Asfarviridae family. ASFV's multilayered virion consists from up to 54 polypeptides while p72 is 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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

African Swine Fever Virus P72 protein solution contains PBS and 25mM K₂CO₃.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Protein is >95% pure as determined by 10% PAGE (coomassie staining).

Applications

ELISA, Western blot.

Precautions

ASFV P30 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: ([B2MUN3](#))

