



DataSheet

CATALOGUE #: 8CP2

PRODUCT NAME: Recombinant canine parvovirus VP2

Source: Expressed in an insect cell line

Description: Recombinant canine parvovirus variant 2b (CPV-2b) capsid protein VP2 consists of 584 amino acid residues.

Theoretical molecular weight 64657 Da.

Theoretical pI 5.36.

Does not contain any affinity tags.

Applications: Calibrator or standard in immunoassays for CPV immunodetection or antigen in immunoassays for determination of CPV antibody titre in canine blood.

Analysis: Purity > 90% (SDS-PAGE in reducing conditions)

Concentration is determined spectrophotometrically.

Immunoreactivity is confirmed by reaction with monoclonal antibodies (Cat. #3PV16) specific to canine parvovirus.

Presentation: Lyophilized from 20 mM Na-phosphate, pH 7.4, 30 mM NaCl, 0.01% Tween 20, 10% trehalose.

It is recommended to reconstitute this product with deionized water to its initial concentration.

Storage: Lyophilized and reconstituted at -20°C (-15 ... -30 °C allowed)

Other information: Avoid repeated freezing and thawing.

Material safety note: This product is sold **for research use only**. Standard Laboratory Practices should be followed when handling this material.

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