

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 or further manufacturing use only . Standard Laboratory Practices should be followed when handling this material.