Canine parvovirus type 2b VP2 protein

Cat. No. GTX04616-pro

Applications	Sandwich ELISA
Species	Canine parvovirus

Package
100 µg

PRODUCT

Summary	This recombinant CPV-2 capsid protein VP2 can be used as a calibrator in immunoassays for detection of CPV or as an antigen in CPV antibody titer analyses. Theoretical pI 5.36.

Applications

Product Note	Immunoreactivity is confirmed by reaction with monoclonal antibodies, GTX28265 and GTX28264, specific to canine parvovirus.

Properties

Form	Lyophilized powder
Buffer	Reconstitute with deionized water to its initial concentration. Lyophilized from 20 mM Na-phosphate pH 7.4, 30 mM NaCl, 0.01% Tween 20, 10% trehalose.
Preservative	No preservatives
Storage	Store at 4ºC or below. After reconstitution, keep as concentrated solution. Aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Region/Sequence	No tagged recombinant canine parvovirus variant 2b (CPV-2b) capsid protein VP2.
Expression System	Baculovirus
Purity	>90% by SDS-PAGE
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

For full product information, images and publications, please visit our website.

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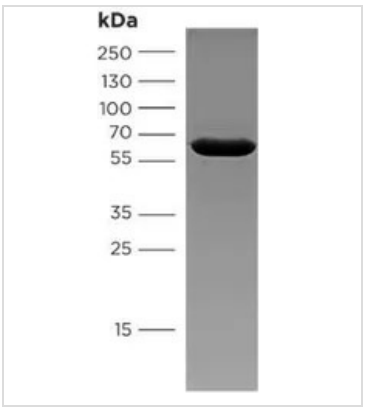
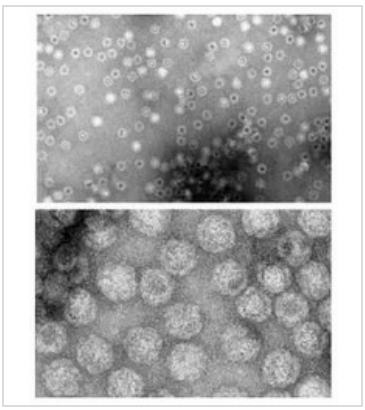
DATA IMAGES



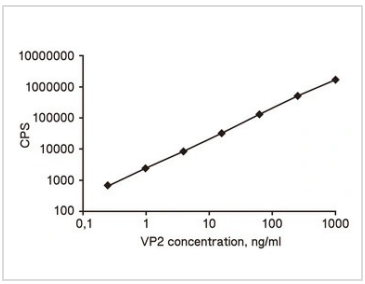
GTX04616-pro Image

SDS-PAGE of GTX04616-pro Canine parvovirus type 2b VP2 protein. Its purity exceeds 90%.



GTX04616-pro Image

EM analysis of GTX04616-pro Canine parvovirus type 2b VP2 protein. The protein is able to assemble into virus-like particles.



GTX04616-pro Sandwich ELISA Image

Sandwich ELISA analysis of serial diluted GTX04616-pro Canine parvovirus type 2b VP2 protein using Canine parvovirus VP2 antibodies.
Capture : GTX28264, 1 µg/well
Detection : GTX28265 labeled with europium chelate, 200 ng/well

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