



# Native Canine PIV (D008) Antigen (DAGA-513)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

**Antigen Description** Parainfluenza viruses belong to the genus Paramyxovirus of the family Paramyxoviridae. They are enveloped viruses with a single-strand RNA genome of negative polarity and range in diameter from 150 to 203 nm. Four types of parainfluenza viruses have been identified. Types 1 and 2 are major causes of laryngotracheo-bronchitis (croup), with greatest severity in children ages 2 to 4 years. Type 3 infection can also lead to croup but, most notably, is a major cause of infant bronchiolitis, pneumonia, and hospitalization. Infection from type 3 virus is most severe in infants less than 1 year old. Parainfluenza type 4 has been associated only with mild upper respiratory illness in adults and children.

**Conjugate** Unconjugated

**Applications** ELISA

**Format** Liquid

**Concentration** Batch dependent - please inquire should you have specific requirements

**Size** 100 µg, 1 mg

**Buffer** 50 mM Glycine, pH 9 with <0.1% CHAPS and <0.01% SDS

**Preservative** None

**Storage** ≤-70°C

## BACKGROUND

**Keywords** Group V ((-)ssRNA); Mononegavirales; Paramyxoviridae; Human parainfluenza viruses; HPIV3; Parainfluenza 3 virus; PIV3; Parainfluenza Type 2 and 8