



PIV type 1 Grade 2 (DAG-H10371)

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

PRODUCT INFORMATION

Species	PIV
Conjugate	Unconjugated
Applications	ELISA Western blots
Size	1 ml, 10 ml
Buffer	NTE buffer (Sodium chloride, TRIS and EDTA)
Preservative	None
Storage	Store this antigen preparation frozen at:-70 °C . Repeated freezing and thawing should be avoided.

BACKGROUND

Introduction 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 200 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.

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