



Native PIV type 1 Antigen (DAG1632)

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

PRODUCT INFORMATION

Product Overview	Allantoic fluid of 10 days old embryonated eggs, inoculated with parainfluenza-1 virus, strain Sendai. The Parainfluenza-1 Virus was purified by Ultracentrifugation with 20-60 % sucrose gradient.
Species	HPV
Purity	Greater than 90.0% as determined by Analysis by SDS-PAGE.
Conjugate	Unconjugated
Format	Sterile Filtered colorless solution FormulationThe Parainfluenza type-1 solution contains 0.1M NaCl, 10mM Tris Hcl, 1mM EDTA pH-8, and 0.1 % sodium azide (NaN ₃).
Size	50 µg, 1 mg
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Parainfluenza virus, PIV, contains a group of four distinct serotypes of single-stranded RNA viruses belonging to the paramyxovirus family and two subtypes (4a and 4b). Parainfluenza virus is a negative-sense, single-stranded RNA virus that possess fusion and hemagglutinin-neuraminidase glycoprotein "spikes" on their surface. The virion varies in size (average diameter between 150 and 300 nm) and shape.
Keywords	Human papillomavirus; HPV; papillomavirus; HPV-1; HPV1; Human papillomavirus type 1; Papillomaviridae