



Recombinant Parvovirus B19 VLP VP1/VP2 Co-Capsid Protein (DAGA-255)

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

PRODUCT INFORMATION

Product Overview	Recombinant Parvovirus B19 VLP VP1/VP2 Co-Capsid produced in SF9 containing B19 capsid proteins VP1 (86,049 Dalton) and VP2 (60,839 Dalton). Parvovirus B19 VLP VP1/VP2 is purified by proprietary chromatographic techniques.
Antigen Description	Parvoviruses cause infections in a wide variety of birds and mammals. Parvovirus, commonly called parvo, is a genus of the Parvoviridae family linear, non-segmented single stranded DNA viruses with an average genome size of 5 kbp. Parvoviruses are some of
Purity	> 80%, based on SDS PAGE
Conjugate	Unconjugated
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	5 µg, 20 µg, 1000 µg
Buffer	In 16mM Sodium phosphate pH-7.4, 120mM NaCl and 20% glycerol.
Preservative	None
Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

BACKGROUND

Introduction	The B19 virus, usually referred to as parvovirus B19 or sometimes as erythrovirus B19, belongs to the family of parvoviruses, genus erythrovirus. B19 virus causes a childhood rash named
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"fifth disease" or "erythema infectiosum" which is ordinarily known as "slapped cheek syndrome". Erythroviruses are members of the Parvoviridae family of small DNA viruses. The B19 virus is a non-enveloped, icosahedral virus which contains a single-stranded linear DNA genome. Parvovirus B19 is classified as erythrovirus because of its capability to invade red blood cell precursors in the bone marrow. This virus is mainly spread by infected respiratory droplets; though, blood-borne transmission has also been reported.

Keywords

Parvovirus B19 VLP VP1/VP2 Co-Capsid;Parvovirus B19 VLP VP1/VP2 Co-Capsid;B19 VLP;Parvovirus type B19 VLP VP1/VP2 Co-Capsid protein;Parvovirus B19
