
Product Data Sheet

Product Name: Parvovirus B19 VLP VP1

Cat. No.: GP25487

Batch No.: 1

Product Data

Purity	>98%	Source	e.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	Parvovirus B19 VLP VP1 protein solution is supplied in PBS pH 7.4 and 0.02% Sodium azide.		

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 **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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks.

Background

Recombinant Parvovirus B19 VLP VP1 produced in e.coli contains 227 amino acids from the N-terminus of VP1 protein sequence.

Caution: Product has not been fully validated for medical applications. For research use only.

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