

## 32-5644: Recombinant Parvovirus VLP VP1/VP2 Co-Capsid

### Description

Source : Sf9 insect cells. 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. 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.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 80.0% as determined by SDS-PAGE.
<b>Content :</b>	Parvovirus B19 VLP VP1/VP2 protein solution is supplied in 16mM Sodium phosphate pH-7.4, 120mM NaCl and 20% glycerol.
<b>Storage condition :</b>	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.

