

**Parvovirus B19 VLP VP1/VP2 Co-Capsid**

recombinant, Sf9 insect cells

Cat. No.	Amount
PR-1276	20 µg

For general laboratory use.**Shipping:** shipped on gel packs**Storage Conditions:** store at -20 °C**Additional Storage Conditions:** avoid freeze/thaw cycles**Shelf Life:** 12 months**Purity:** > 80 % (SDS-PAGE)**Form:** liquid (Supplied in 16 mM sodium phosphate pH 7.4, 120 mM NaCl and 20% glycerol)**Applications:**

Western Blot with anti-Parvovirus B19 positive sera. Binds IgG-type human antibodies.

Description:

Recombinant Parvovirus B19 VLP VP1/VP2 Co-Capsid is produced in Sf9 containing B19 capsid proteins VP1 (86,049 Dalton) and VP2 (60,839 Dalton).

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.

Selected References:Sico *et al.* (2002) Enhanced kinetic extraction of parvovirus B19 structural proteins. *Biotechnol Bioeng.* **80**:250.