

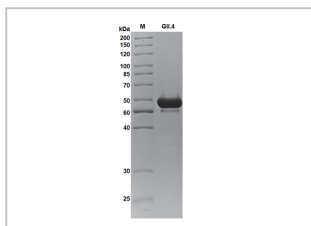
Norovirus Virus-Like Particles (VLPs)

A Powerful Tool for Norovirus Vaccine Research

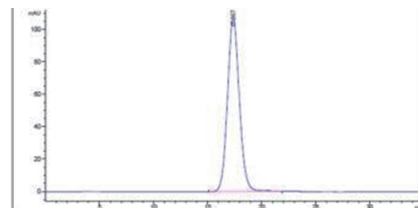
Creative Diagnostics provides a comprehensive range of norovirus VP1 virus-like particles (VLPs), including 14 distinct VP1-type VLPs from varying genogroups and genotypes (as featured below). These norovirus VP1-type VLPs are produced using either *Pichia pastoris* or baculovirus expression systems, ensuring a close resemblance with their native forms.

Key Features

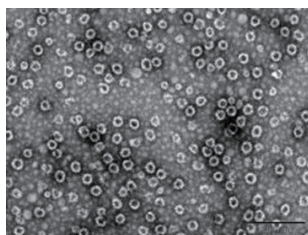
- $\geq 95\%$ purity as determined by SDS-PAGE and HPLC
- Monomer molecular weight: 55-60 kDa
- Particle size: 40-50 nm as determined by DLS
- Low heterogeneity as confirmed by polydispersity index (Pdl) < 0.2
- Particle diameter: 38-40 nm, determined by negative stain electron microscopy



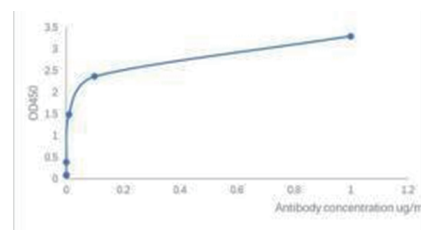
Norovirus VP1 VLPs on SDS-PAGE (reducing condition)



Norovirus VP1 VLPs on HPLC



Negative staining electron microscopy of Norovirus VP1 VLPs



Norovirus VP1 VLPs activity detection by ELISA

Norovirus Virus-Like Particles (VLPs)

Product List

Cat. No.	Product Name	Expression System
DAG-WT2451	Recombinant Norovirus GI.1 VP1 VLP	Pichia pastoris
DAG-WT2452	Recombinant Norovirus GII.2 VP1 VLP	Pichia pastoris
DAG-WT2453	Recombinant Norovirus GII.3 VP1 VLP	Pichia pastoris
DAG-WT2454	Recombinant Norovirus GII.4 VP1 VLP	Pichia pastoris
DAG-WT2455	Recombinant Norovirus GII.6 VP1 VLP	Pichia pastoris
DAG-WT2456	Recombinant Norovirus GII.13 VP1 VLP	Pichia pastoris
DAG-WT2457	Recombinant Norovirus GII.17 VP1 VLP	Pichia pastoris
DAG-WT3333	Recombinant Norovirus GI.1 VP1 VLP	Baculovirus-Insect cells
DAG-WT3334	Recombinant Norovirus GI.5 VP1 VLP	Baculovirus-Insect cells
DAG-WT3335	Recombinant Norovirus GI.6 VP1 VLP	Baculovirus-Insect cells
DAG-WT3336	Recombinant Norovirus GI.7 VP1 VLP	Baculovirus-Insect cells
DAG-WT3337	Recombinant Norovirus GI.8 VP1 VLP	Baculovirus-Insect cells
DAG-WT3338	Recombinant Norovirus GII.1 VP1 VLP	Baculovirus-Insect cells
DAG-WT3339	Recombinant Norovirus GII.2 VP1 VLP	Baculovirus-Insect cells
DAG-WT3340	Recombinant Norovirus GII.3 VP1 VLP	Baculovirus-Insect cells
DAG-WT3341	Recombinant Norovirus GII.4 VP1 VLP	Baculovirus-Insect cells
DAG-WT3342	Recombinant Norovirus GII.6 VP1 VLP	Baculovirus-Insect cells
DAG-WT3343	Recombinant Norovirus GII.7 VP1 VLP	Baculovirus-Insect cells
DAG-WT3344	Recombinant Norovirus GII.12 VP1 VLP	Baculovirus-Insect cells
DAG-WT3345	Recombinant Norovirus GII.13 VP1 VLP	Baculovirus-Insect cells
DAG-WT3346	Recombinant Norovirus GII.17 VP1 VLP	Baculovirus-Insect cells
DAG-WT5415	Recombinant Norovirus VP1 VLP panel	Baculovirus-Insect cells