

## Anti-HIV-1 hlgG1 Antibody(teropavimab)

### Product information

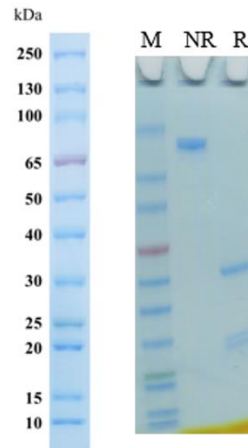
GM-87768AB-10	10 µg
GM-87768AB-100	100 µg
GM-87768AB-1000	1 mg

### Antibody Information

Species Reactivity	/
Clone	teropavimab
Source/Isotype	Monoclonal human IgG1, κ
Application	Neutralization Assay
Specificity	Detects HIV-1
Gene	HIV-1
Background	Hiv-1(Human Immunodeficiency Virus Type 1) is the leading cause of AIDS. The study of the Hiv-1 gene involves many aspects, including its structure, variability, mode of transmission and how to affect the host's immune system. The application of Hiv-1 antibody plays an important role in the prevention, diagnosis and treatment of AIDS.
Storage	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Formulation	Phosphate-buffered solution, pH 7.2.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

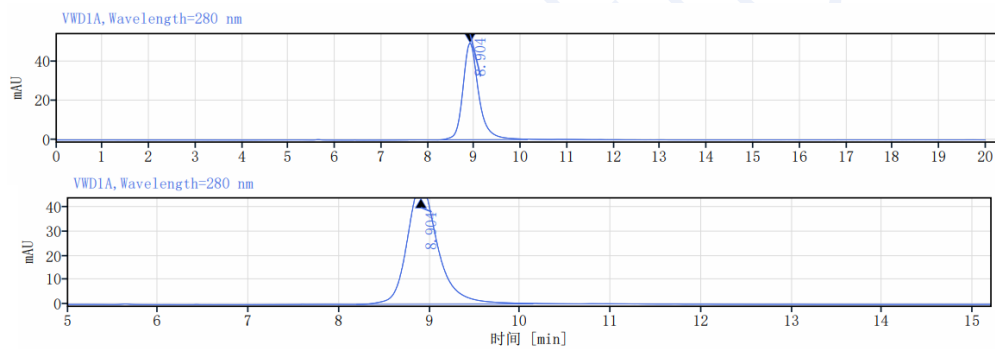
## Data Examples

### SDS-PAGE



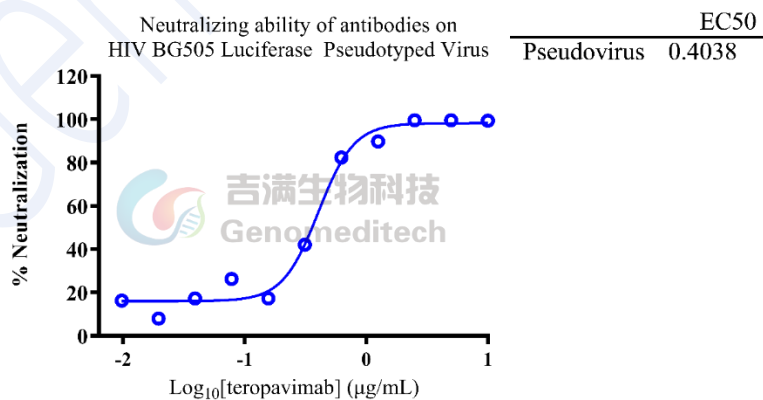
On SDS-PAGE under reducing (R)/non-reducing(N-R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

### SEC-HPLC



The purity of this product is more than 95% verified by SEC-HPLC

### Neutralization Assay



Neutralization of HIV-1 (BG505) Luciferase Pseudotyped Virus (Cat. GM-0220PV196) with Anti-HIV-1 hlgG1 Antibody(teropavimab) and H\_CD4-CCR5-CXCR4 HeLa cell line.