

Supporting Research on the Omicron Variant



Neutralizing antibodies against SARS-CoV-2 Spike protein (B.1.1.529, Omicron Variant):

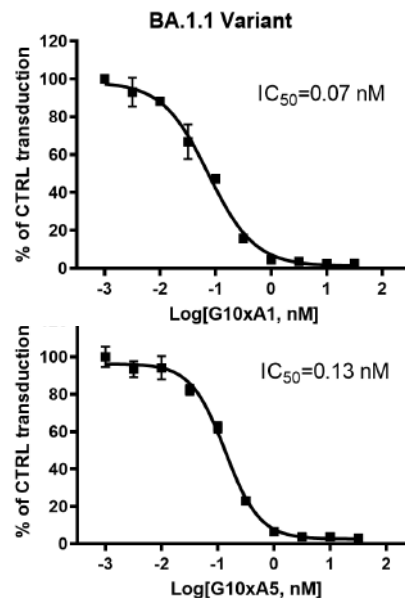
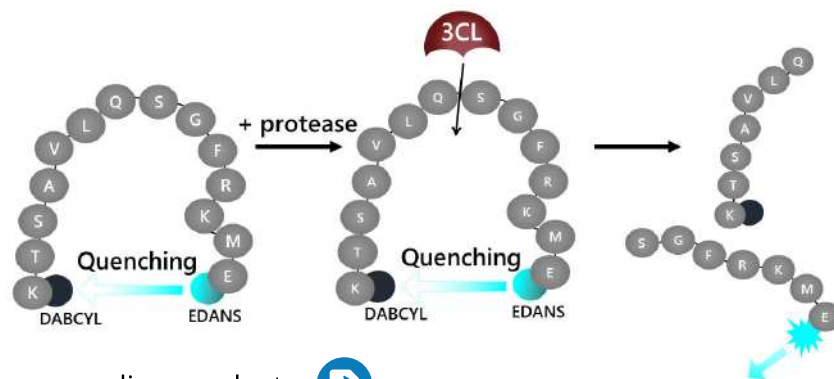
- Spike Neutralizing Antibody (Clone G10xA1)
- Spike Neutralizing Antibody (Clone G10xA5)

Purified SARS-CoV-2 Spike RBD domain, Spike S1 protein, Spike S1+S2 trimer, Nucleocapsid (N), and 3CL (M^{Pro}) protease, all containing Omicron mutations.

Spike Pseudotyped Lentivirus (Omicron Variants), for safe modeling of infection in human cells:

- Luciferase Reporter: Omicron BA.1 (#78348); Omicron BA.1.1 (#78623); Omicron BA.2 (#78625)
- eGFP Reporter: Omicron BA.1 (#78349); Omicron BA.1.1 (#78624); Omicron BA.2 (#78626)

Homogeneous Fluorogenic Assay Kits to monitor Omicron mutant 3CL activity (with mutation P132H) and screen for 3CL inhibitors (#78350)



Useful resources:

BPS Bioscience's Variant table, mutations and corresponding products: [🔗](#)

List of publicly available databases: [🔗](#)

Lineages, mutations, incidence rates by country and by variant: [📄](#)



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