Human ACE2/ACEH Protein. Fc Tag

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Catalog: #2566

Store at: 2-8ºC

For Research Use Only. Not For Use In Diagnostic Procedures.

Applications	Detection	Clonality	Isotype
ELISA	Anti-SARS-CoV-2 mAb	SARS-CoV-2	Other

Format: Fc tag

Cross Reactivity: Predicted to work with mouse, rat and other homologues.

Formulation: 1X PBS, 0.09% NaN3

Preparation: Protein A

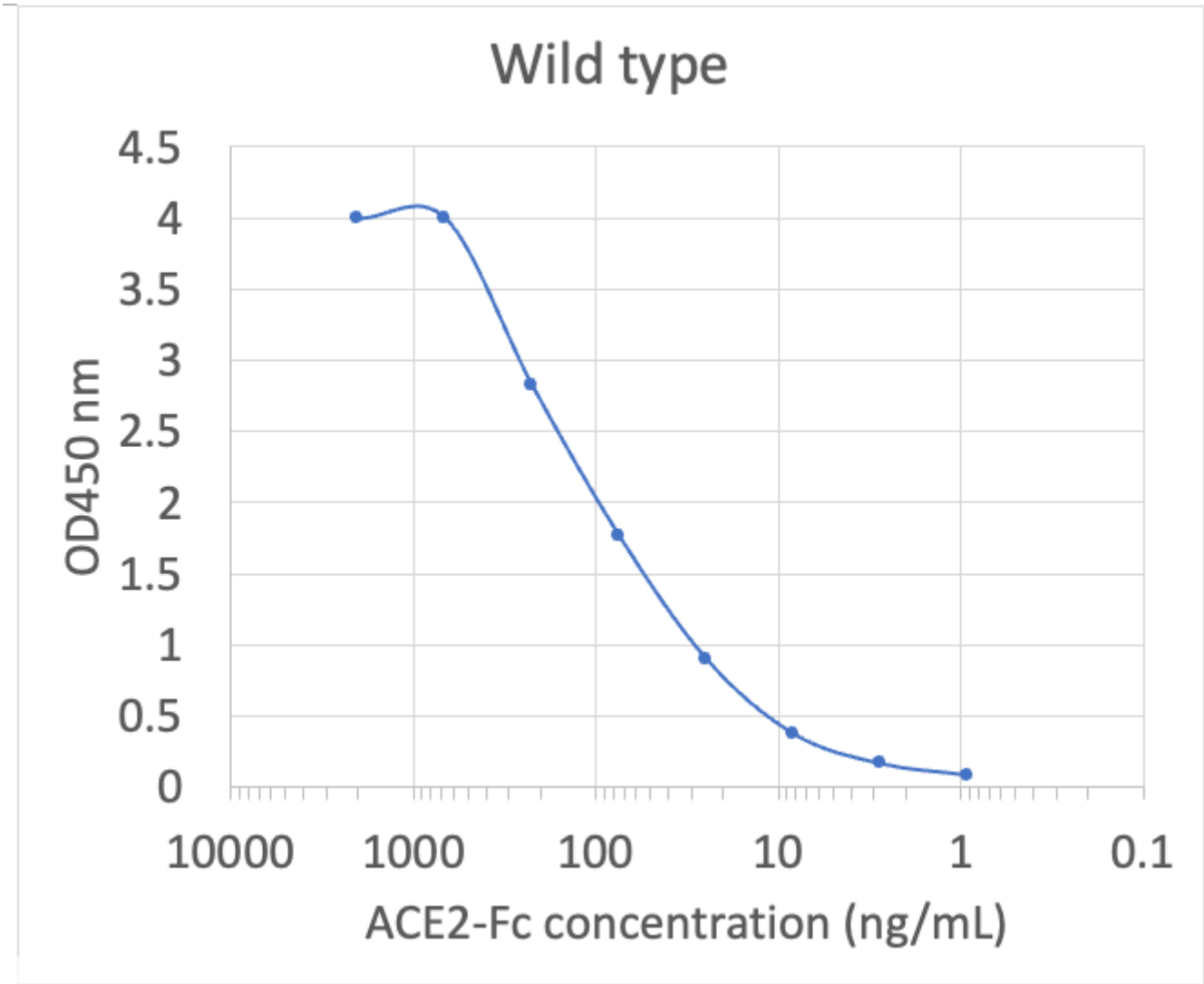
Reactivity: Human

Recommended Usage: For SARS-CoV-2 (COVID-19) diagnostic assays.

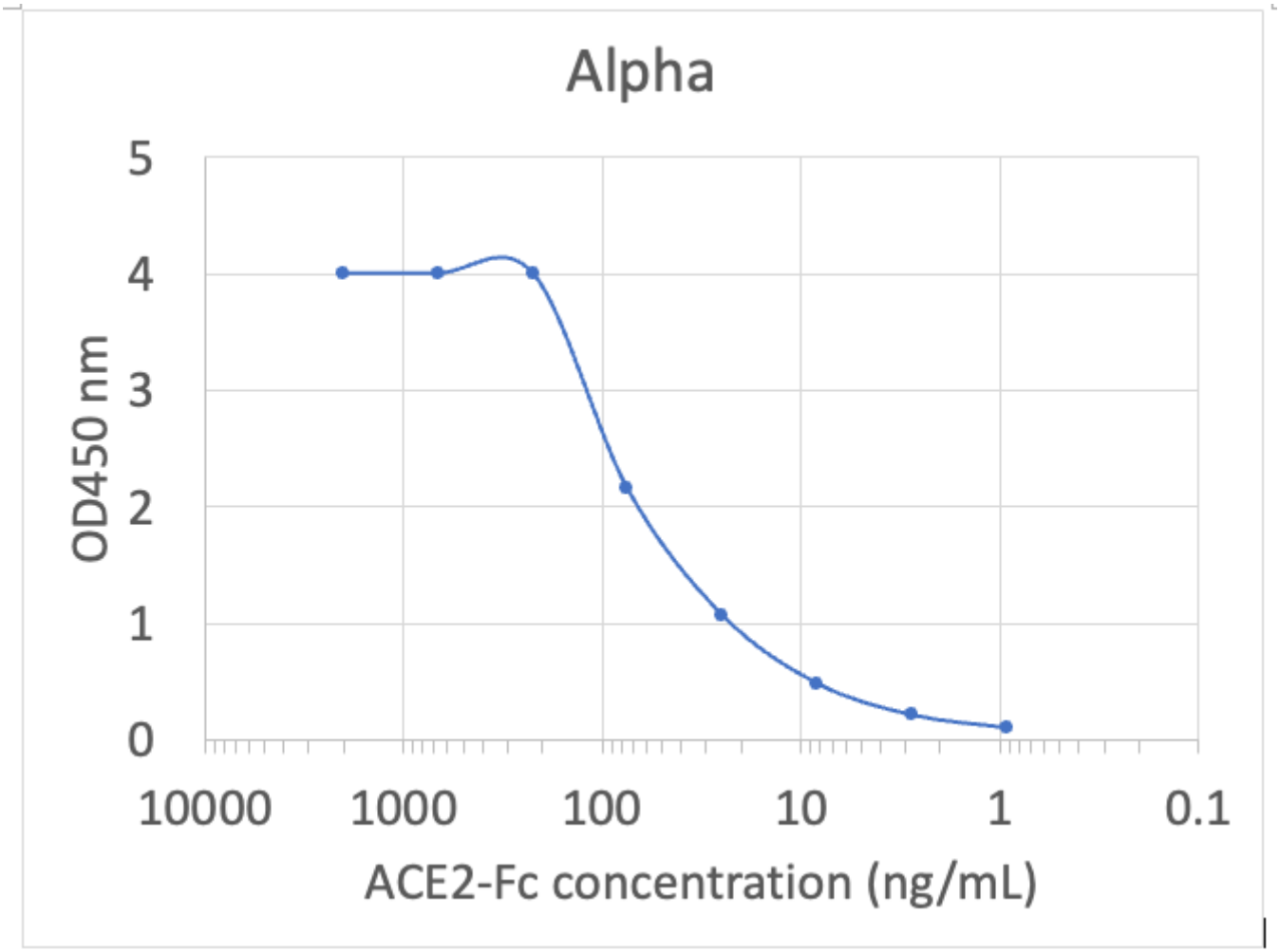
Immunogen: N/A

Description:

References:



Microtiter wells were coated with 100 uL of each spike trimer at 2 ug/mL in PBS at 4˚C overnight. The wells were washed with PBS and blocked with 200 µL of 1% BSA/PBS. ACE2-Fc was serially diluted from 2 µg/mL in 1% BSA/PBS. The blocker was discarded, and the wells were incubated with 100 µL of serially diluted ACE2-Fc at 37˚C for 1 hour. The wells were washed with PBS and the bound ACE2-Fc was detected with 100 µL of Peroxidase AffiniPure Goat Anti-Human IgG, Fc□ fragment specific (Jackson Immuno Research 109-035-098)(1:5,000 in 1% BSA/PBS) at 37˚C for 1 hour. The wells were washed with PBS and the wells were developed with 100 µL of MB/E Ultra Sensitive, Blue, Horseradish Peroxidase Substrate (EMD Millipore ES022-500ml) at RT for 5 min. The reaction was stopped with 100 µL of 0.6N H2SO4 and the signals were read at 450 nm using a plate reader (Biotek).



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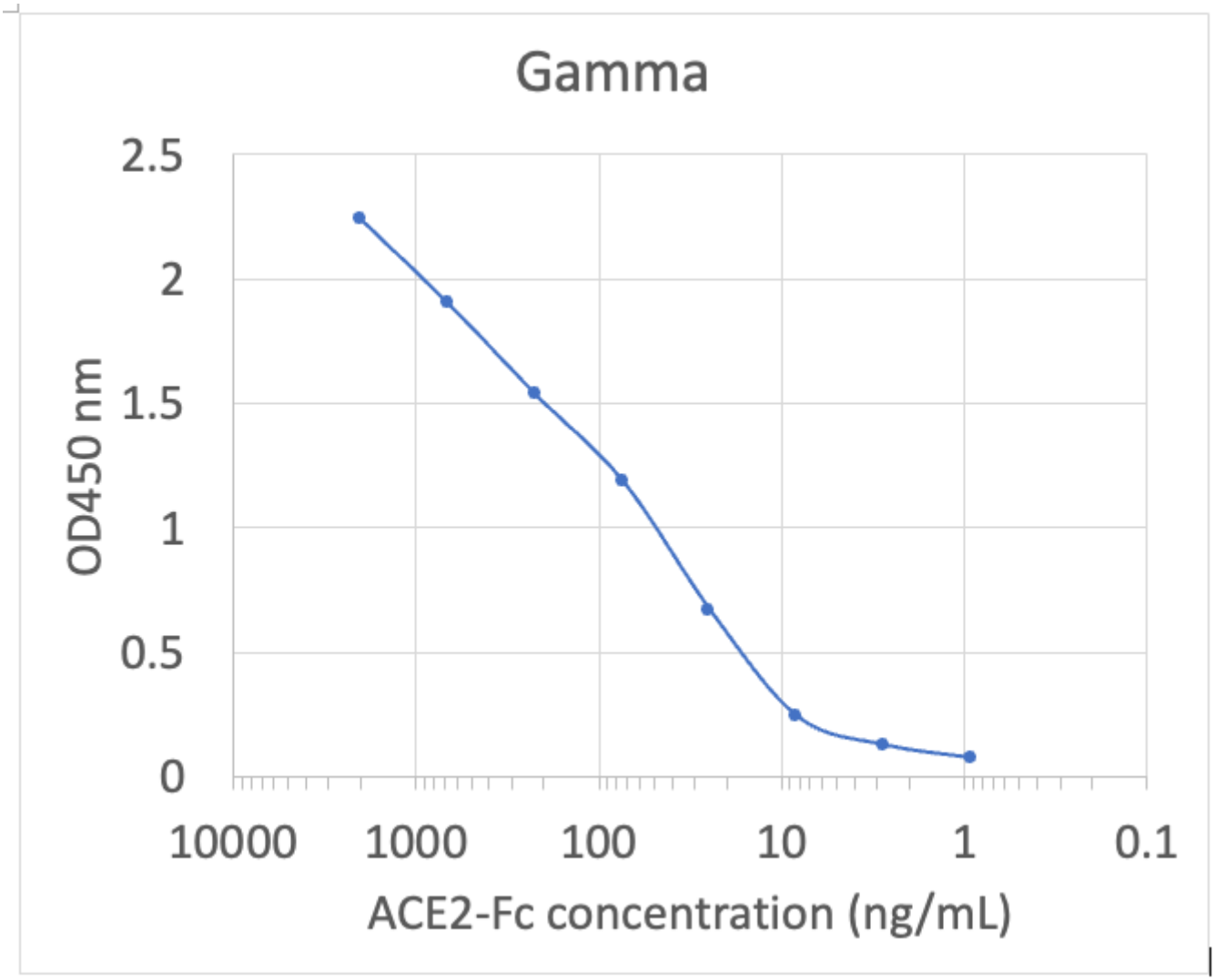

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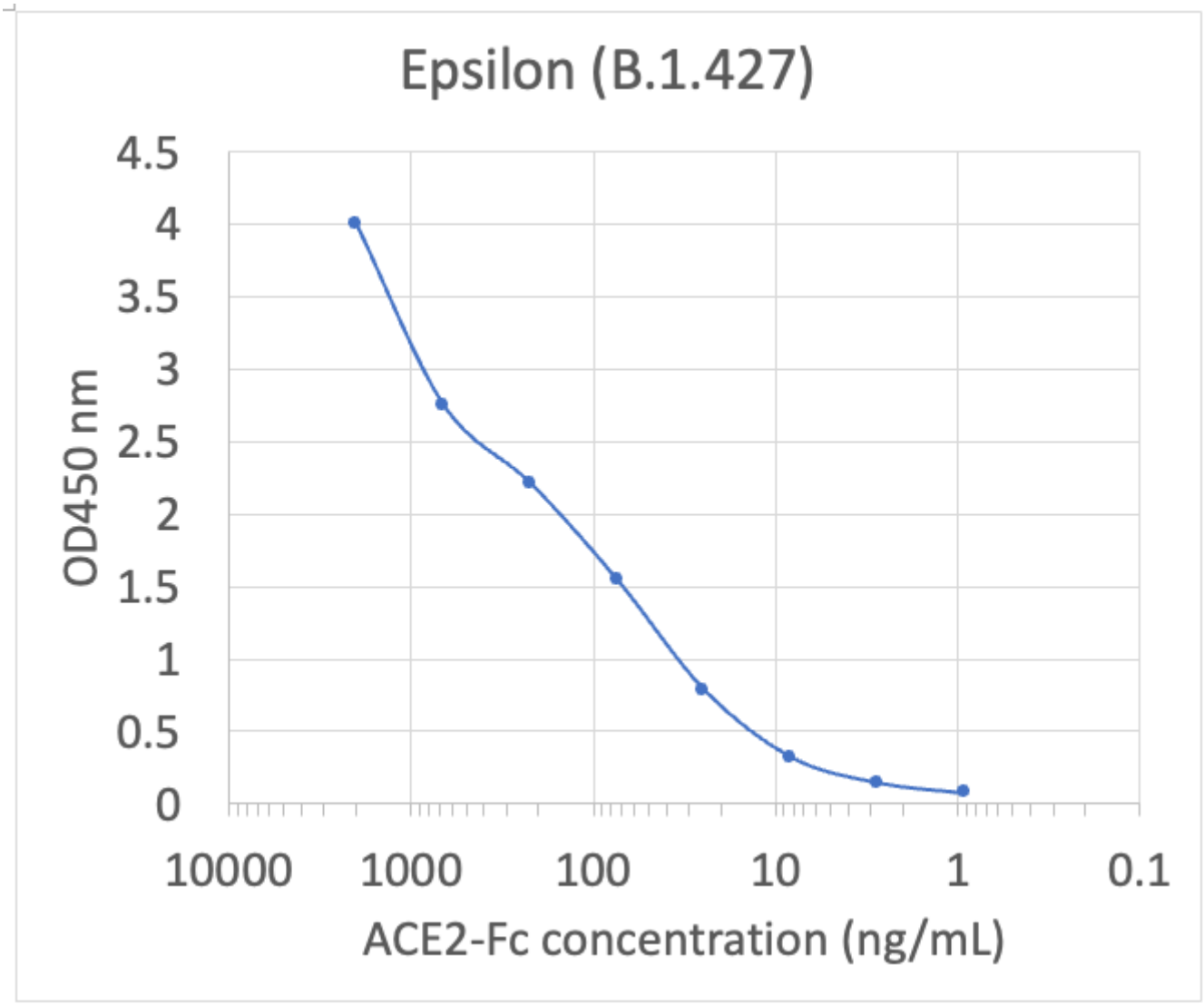

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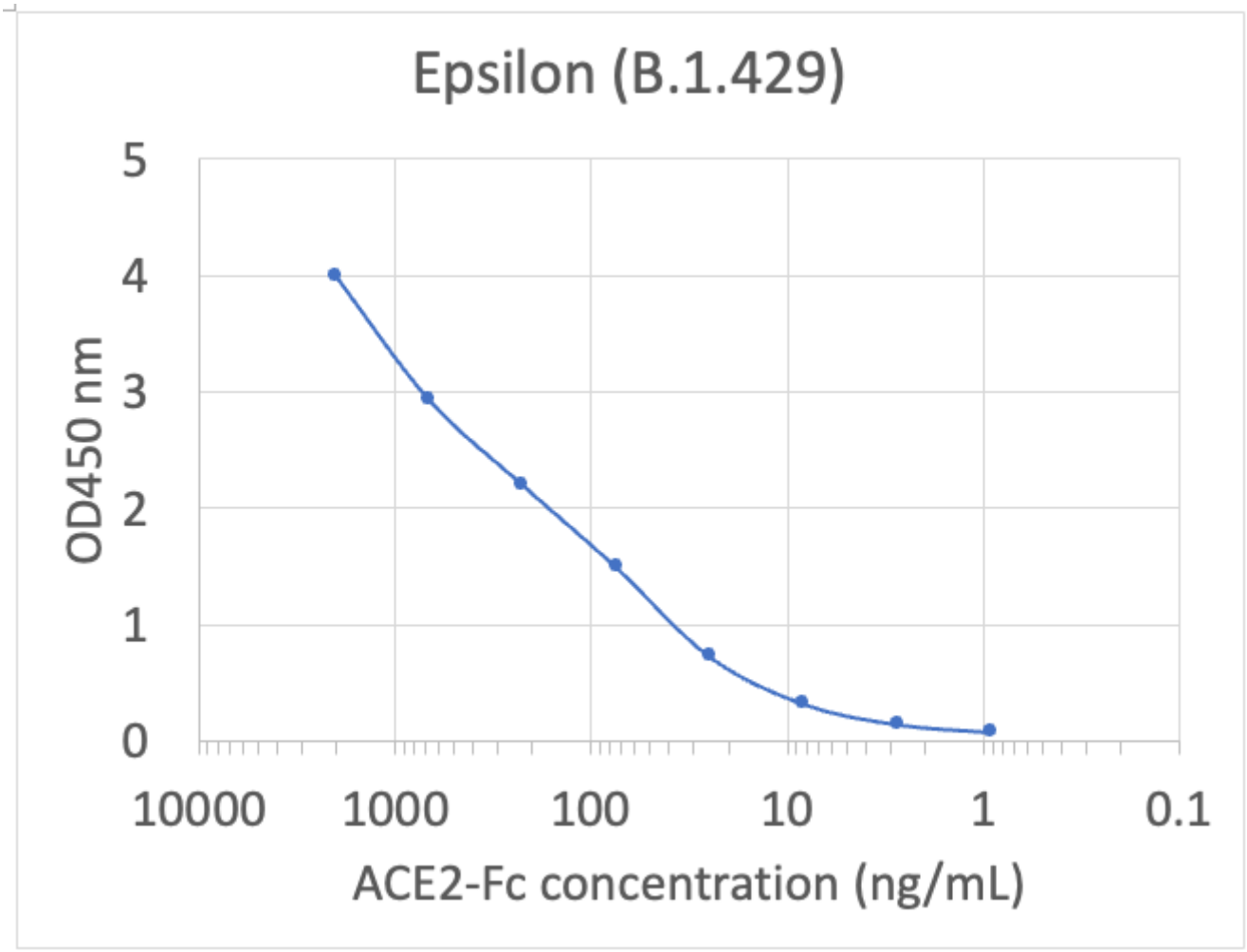

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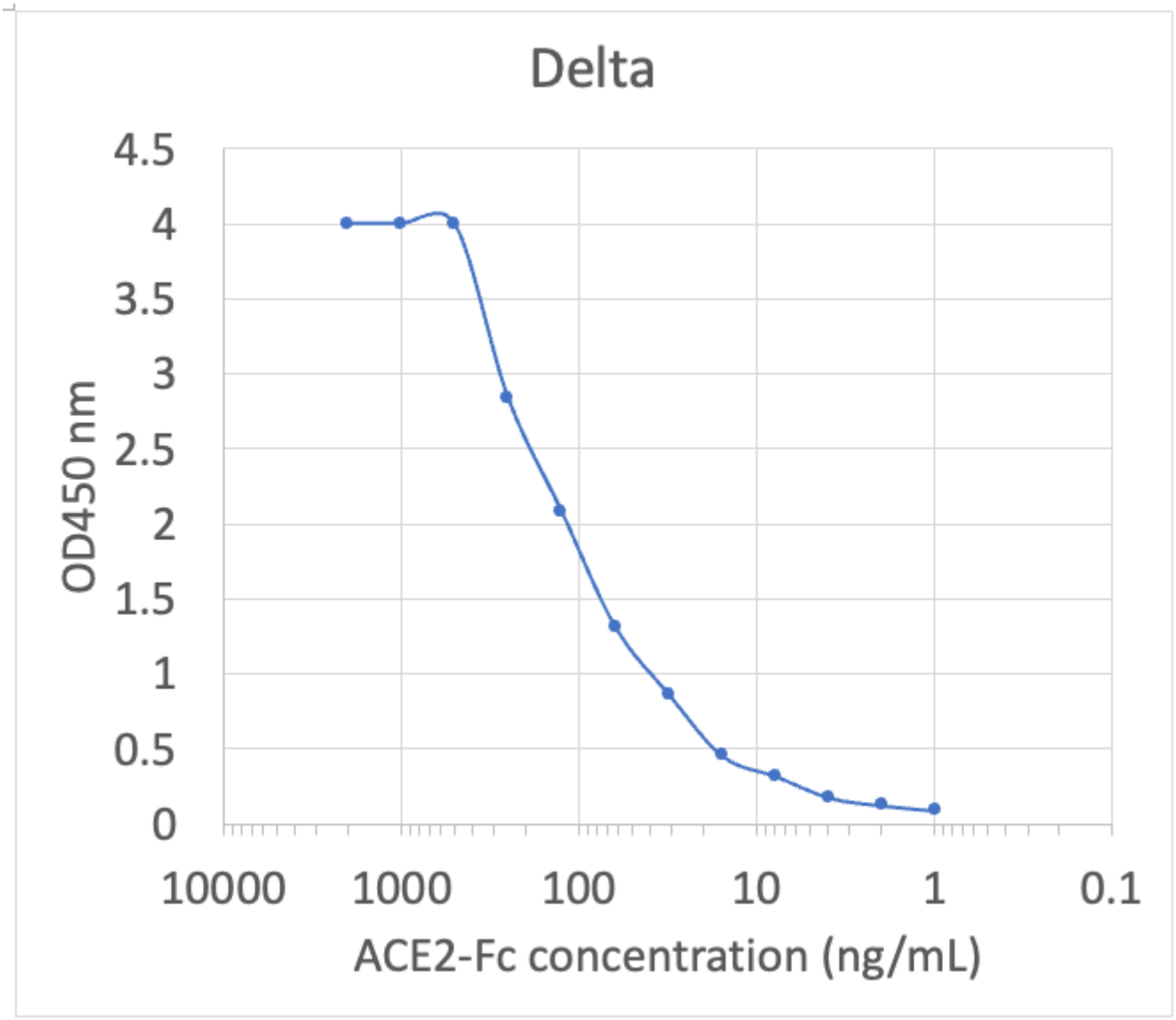

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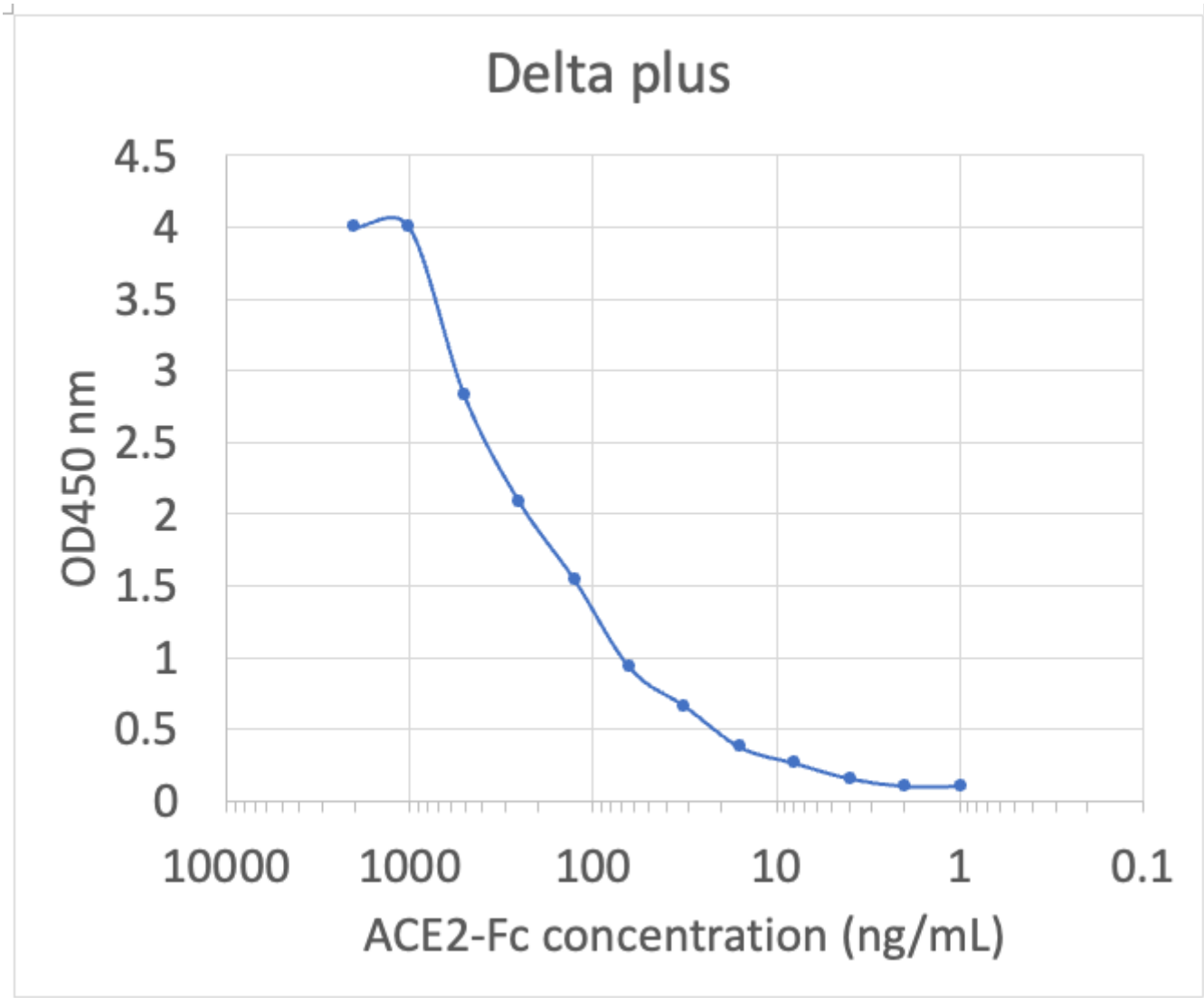

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