

## Product Datasheet

### ACE2/ACEH protein-Fc (ACE2-FC-) (orb1945965)

<b>Catalog Number</b>	orb1945965
<b>Category</b>	Proteins
<b>Description</b>	ACE2/ACEH protein-Fc (ACE2-FC-)
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Other
<b>Conjugation</b>	Unconjugated
<b>Tag</b>	Fc tag
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Buffer/Preservatives</b>	1X PBS, 0.09% NaN <sub>3</sub>
<b>Purification</b>	Protein A
<b>Tested applications</b>	FC
<b>Dilution range</b>	For SARS-CoV-2 (COVID-19) diagnostic assays.
<b>Cross Reactivity</b>	Predicted to work with mouse, rat and other homologues.
<b>Storage</b>	2-8°C
<b>Note</b>	For research use only

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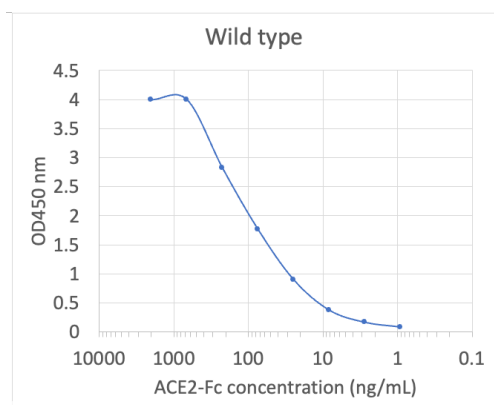
7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
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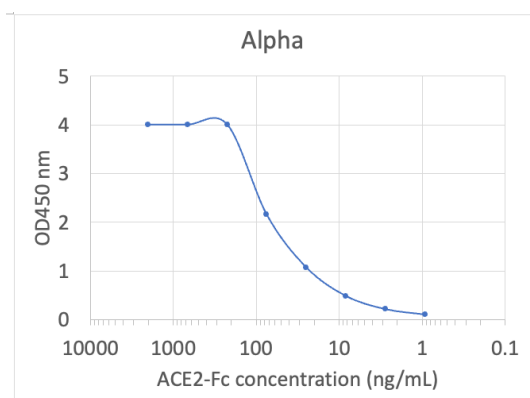
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68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
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Microtiter wells were coated with 100  $\mu$ L of each spike trimer at 2  $\mu$ g/mL in PBS at 4°C overnight. The wells were washed with PBS and blocked with 200  $\mu$ L of 1% BSA/PBS. ACE2-Fc was serially diluted from 2  $\mu$ g/mL in 1% BSA/PBS. The blocker was discarded, and the wells were incubated with 100  $\mu$ L 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  $\mu$ L of Peroxidase AffiniPure Goat Anti-Human IgG, Fc $\gamma$  fragment specific (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  $\mu$ L of MB/E Ultra Sensitive, Blue, Horseradish Peroxidase Substrate at RT for 5 min. The reaction was stopped with 100  $\mu$ L of 0.6N H<sub>2</sub>SO<sub>4</sub> and the signals were read at 450 nm using a plate reader.



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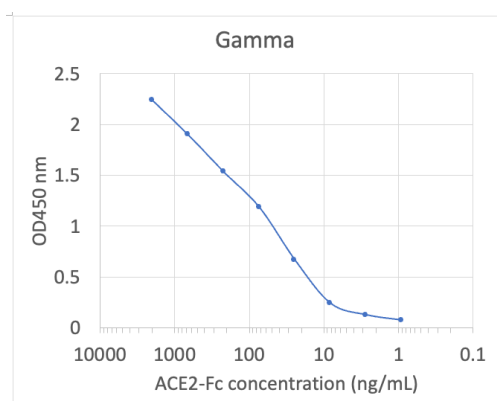
7 Signet Court, Swann Road  
Cambridge  
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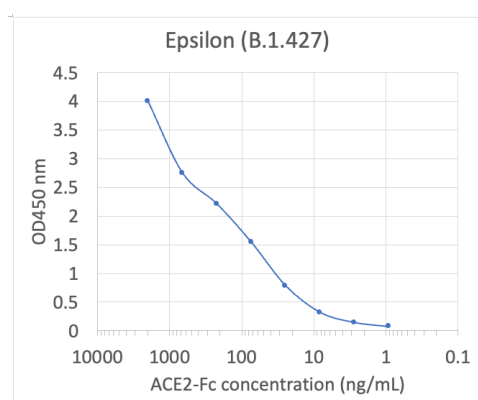
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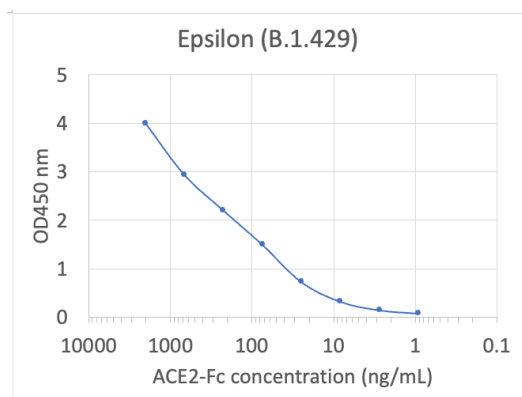
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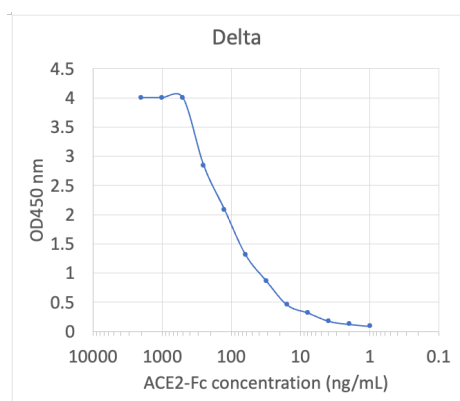
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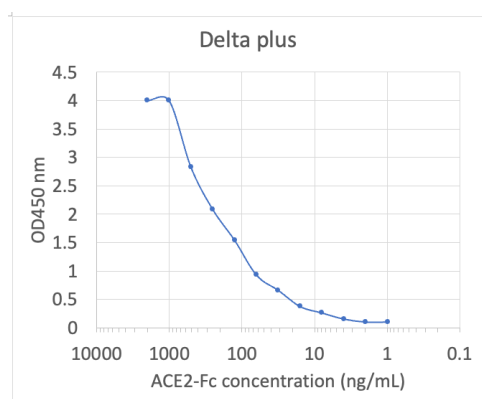
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