

# Product Datasheet

## Human ACE-2 ELISA Kit (Colorimetric) NBP2-78734

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

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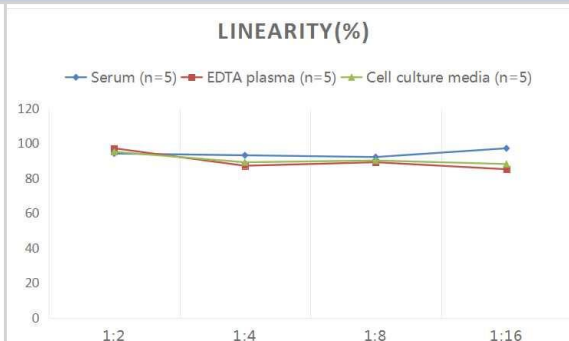
**NBP2-78734****Human ACE-2 ELISA Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	59272
<b>Gene Symbol</b>	ACE2
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This kit recognizes Human ACE2 in samples. No significant cross-reactivity or interference between Human ACE2 and analogues was observed.
<b>Kit Components</b>	Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Manual
<b>Standard Curve Range</b>	0.39 - 25 ng/mL
<b>Sensitivity</b>	0.23 ng/mL
<b>Inter Assay</b>	CV% < 4.99%
<b>Intra Assay</b>	CV% < 5.43%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	90-108%
<b>Suitable Sample Type</b>	Serum, plasma and other biological fluids
<b>Sample Volume</b>	100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

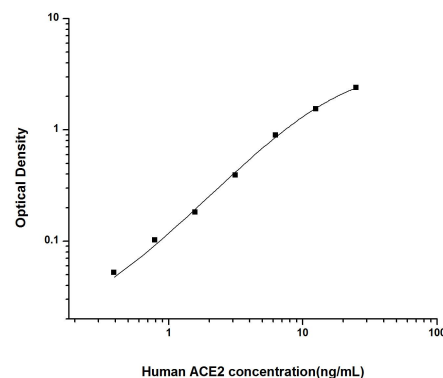


## Images

ELISA: Human ACE-2 ELISA Kit (Colorimetric) [NBP2-78734] - Samples were spiked with high concentrations of Human ACE-2 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human ACE-2 ELISA Kit (Colorimetric) [NBP2-78734] - Standard Curve Reference



## Publications

Tampe D, Hakroush S, BOsherz M et al. Urinary Levels of SARS-CoV-2 Nucleocapsid Protein Associate With Risk of AKI and COVID-19 Severity: A Single-Center Observational Study *Frontiers in Medicine* 2021-05-25 [PMID: 34113632] (ELISA)



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### **Products Related to NBP2-78734**

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NBP1-76614PEP	ACE-2 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
AF933	ACE-2 Antibody [Unconjugated]
DCP00	CCL2/JE/MCP-1 [HRP]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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