

# Product Datasheet

## Human Angiotensin 1-7 ELISA Kit (Colorimetric) NBP2-69078

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 3

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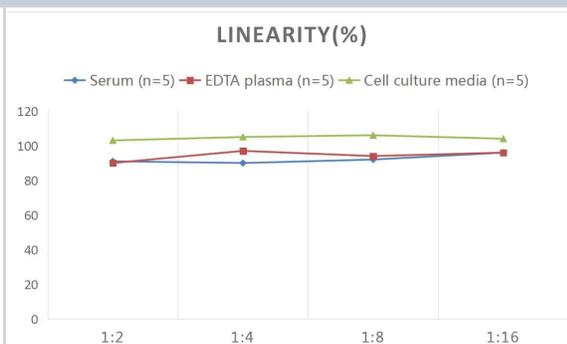


**NBP2-69078****Human Angiotensin 1-7 ELISA Kit (Colorimetric)**

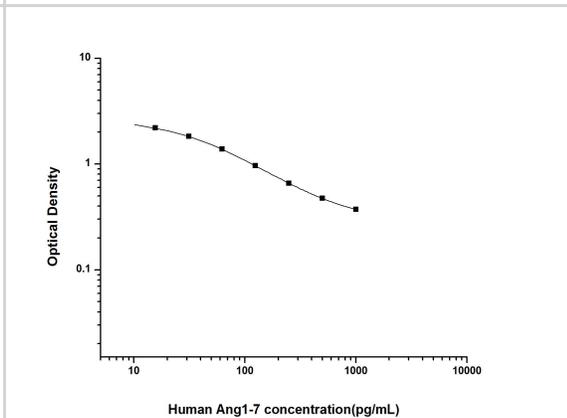
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	183
<b>Gene Symbol</b>	AGT
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This kit recognizes Human Ang1-7 in samples. No significant cross-reactivity or interference between Human Ang1-7 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>	15.63 - 1000 pg/mL
<b>Sensitivity</b>	9.38 pg/mL
<b>Inter Assay</b>	CV% < 4.53%
<b>Intra Assay</b>	CV% < 5.44%
<b>Assay Type</b>	Competitive-ELISA
<b>Spiking Recovery</b>	88-104%
<b>Suitable Sample Type</b>	Serum, plasma and other biological fluids
<b>Sample Volume</b>	50 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

## Images

ELISA: Human Angiotensin 1-7 ELISA Kit (Colorimetric) [NBP2-69078] - Samples were spiked with high concentrations of Human Angiotensin 1-7 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human Angiotensin 1-7 ELISA Kit (Colorimetric) [NBP2-69078] - Standard Curve Reference



## Publications

Gagandeep Kaur, Shaiesh Yogeswaran, Thivanka Muthumalage, Irfan Rahman Persistently Increased Systemic ACE2 Activity Is Associated With an Increased Inflammatory Response in Smokers With COVID-19 *Frontiers in Physiology* 2021-05-28 [PMID: 34122129]

Nisha I Parikh, Folagbayi Arowolo, Matthew S Durstenfeld, Gregory Nah, Joyce Njoroge, Eric Vittinghoff, Carlin S Long, Peter Ganz, David Pearce, Priscilla Hsue, Alan H S Wu, Negin Hajizadeh, Kathleen D Liu, Kara L Lynch Hospitalized Patients With COVID-19 Have Higher Plasma Aldosterone-Renin Ratio and Lower ACE Activity Than Controls *Journal of the Endocrine Society* 2022-10-26 [PMID: 36338506]

Carpenter RM, Young MK, Petri WAO et al. Repressed Ang 1-7 in COVID-19 Is Inversely Associated with Inflammation and Coagulation *mSphere* 2022-08-31 [PMID: 35913134] (ELISA, Human)



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### **Products Related to NBP2-69078**

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210-TA-005	TNF-alpha [Unconjugated]
NBP2-22203	ERK1 Antibody (1E5) - BSA Free
NB100-309	ATM Antibody (2C1)
QET00B	Endothelin-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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