

# Product Datasheet

## Angiotensin II ELISA Kit (Colorimetric) NBP2-62135

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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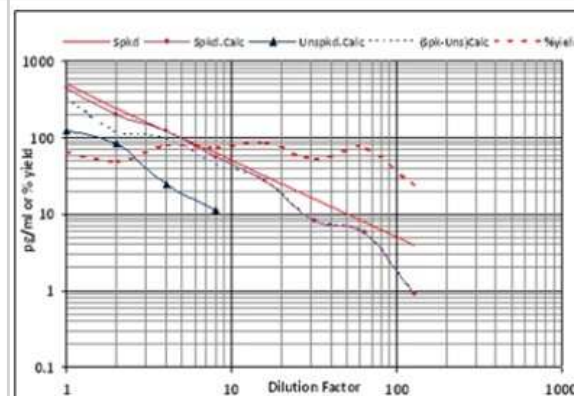


**NBP2-62135****Angiotensin II ELISA Kit (Colorimetric)**

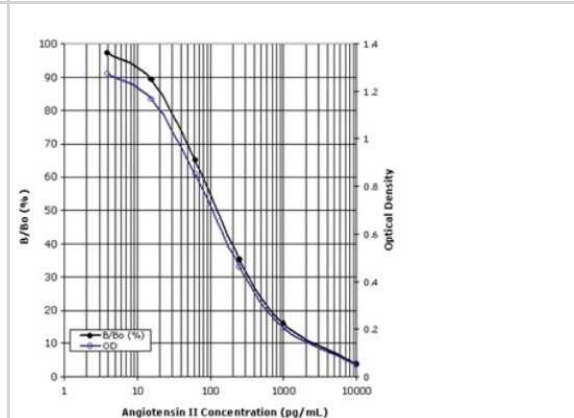
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	183
<b>Gene Symbol</b>	AGT
<b>Specificity/Sensitivity</b>	Crossreactivity: Angiotensin II (100%), Angiotensin A (100%), Angiotensin III (100%), Angiotensin IV (100%), Angiotensin I (0.319%), Angiotensin (1-9) (0.103%), LVV-hemorphin 7 (0.067%), Angiotensin (1-7) (0.053%), Bradykinin (0.022%)
<b>Kit Components</b>	Microtiter Plate, Conjugate, Antibody, Assay Buffer 16, Wash Buffer Concentrate, Standard, TMB Substrate, Stop Solution 2, Streptavidin-HRP
<b>Standard Curve Range</b>	3.9-10,000 pg/ml
<b>Sensitivity</b>	4.6 pg/ml
<b>Inter Assay</b>	Low Concentration %CV - 6.0% Medium Concentration %CV - 7.5% High Concentration %CV - 15.9%
<b>Intra Assay</b>	Low Concentration %CV - 7.3% Medium Concentration %CV - 5.2% High Concentration %CV - 4.7%
<b>Assay Type</b>	Competitive ELISA
<b>Spiking Recovery</b>	Low Concentration %CV - 80.0% Medium - 69.0% High - 52.2%
<b>Suitable Sample Type</b>	Plasma,serum
<b>Sample Volume</b>	50 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

## Images

ELISA: Non-species specific Angiotensin II ELISA Kit (Colorimetric) [NBP2-62135] - Pooled human plasma was spiked with 500 pg/mL of Angiotensin II, serially diluted 1:2, and run in the assay. Unspiked pooled plasma was processed identically as a background control.



ELISA: Non-species specific Angiotensin II ELISA Kit (Colorimetric) [NBP2-62135] - A typical standard curve for Angiotensin II ELISA kit. These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



## Publications

Jang IA, Kim EN, Lim JH et al. Effects of Resveratrol on the Renin-Angiotensin System in the Aging Kidney. *Biochem. Pharmacol.* 2018-11-16 [PMID: 30424556]



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### **Products Related to NBP2-62135**

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210-TA-005	TNF-alpha [Unconjugated]
NBP3-20123-0.2mg	Angiotensin II Antibody (KAA8) - Chimeric - Azide and BSA Free
NBP2-22203	ERK1 Antibody (1E5)
NB100-309	ATM Antibody (2C1) - Azide and BSA Free

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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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