

# Product Datasheet

## Rat Nephrin ELISA Kit (Colorimetric) NBP2-76751

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 3

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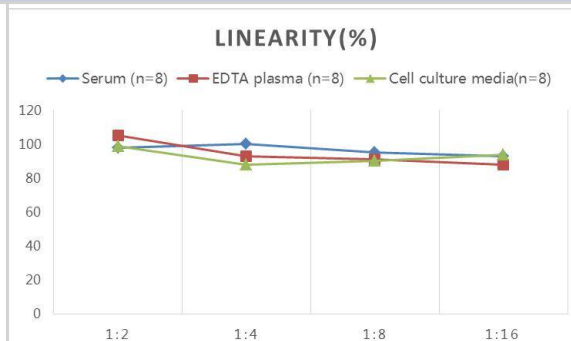
**NBP2-76751****Rat Nephryn ELISA Kit (Colorimetric)**

<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>	4868
<b>Gene Symbol</b>	NPHS1
<b>Species</b>	Rat
<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>	0.156 - 10ng/mL
<b>Sensitivity</b>	0.094ng/mL
<b>Inter Assay</b>	CV% < 4.9
<b>Intra Assay</b>	CV% < 4.91
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	86-108%
<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

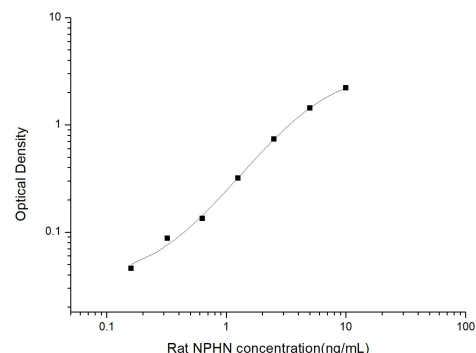


## Images

ELISA: Rat Nephryn ELISA Kit (Colorimetric) [NBP2-76751] - Samples were spiked with high concentrations of Rat Nephryn and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Rat Nephryn ELISA Kit (Colorimetric) [NBP2-76751] - Standard Curve Reference



## Publications

Dayton A, Almutlaq RN, Guntipally S et al. T-cells regulate albuminuria but not hypertension, renal histology, or the medullary transcriptome in the Dahl SSCD247+/+ rat American journal of physiology. Renal physiology 2023-11-02 [PMID: 37916287] (ELISA)

Ekperikpe US, Poudel B, Shields CA et al. Neutralizing MIP3? Reduces Renal Immune Cell Infiltration and Progressive Renal Injury in Young Obese Dahl Salt-Sensitive Rats The Journal of pharmacology and experimental therapeutics 2023-03-01 [PMID: 36507846] (ELISA)

Brown A, Nichols A, Coley C et al. Treatment With Lisinopril Prevents the Early Progression of Glomerular Injury in Obese Dahl Salt-Sensitive Rats Independent of Lowering Arterial Pressure Frontiers in Physiology 2021-12-17 [PMID: 34975523] (ELISA)



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### **Products Related to NBP2-76751**

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NBP1-77303PEP	Nephrin Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
AF3159	Nephrin Antibody [Unconjugated]
DVE00	VEGF [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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