

# Product Datasheet

## Rat Claudin-5 ELISA Kit (Colorimetric) NBP2-75333

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**NBP2-75333****Rat Claudin-5 ELISA Kit (Colorimetric)**

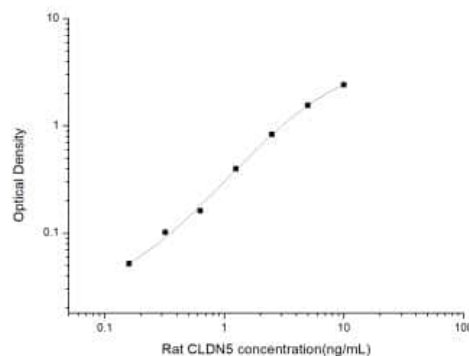
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.

<b>Product Description</b>	
<b>Gene ID</b>	7122
<b>Gene Symbol</b>	CLDN5
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	This kit recognizes Rat CLDN5 in samples. No significant cross-reactivity or interference between Rat CLDN5 and analogues was observed.
<b>Kit Components</b>	Micro ELISA Plate(Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100×), Concentrated HRP Conjugate (100×), Reference Standard & Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25×), Substrate Reagent, Stop Solution, Plate Sealer, Product Description, Certificate of Analysis
<b>Standard Curve Range</b>	0.16 - 10 ng/mL
<b>Sensitivity</b>	0.10 ng/mL
<b>Inter Assay</b>	CV% < 5.28%
<b>Intra Assay</b>	CV% < 5.66%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	86-100%
<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**

Rat Claudin-5 ELISA Kit (Colorimetric) - Standard Curve Reference

**Publications**

Taler M, Aronovich R, Hornfeld Sh Et Al. Regulatory effect of lithium on hippocampal blood-brain barrier integrity in a rat model of depressive-like behavior Bipolar Disord 2020-06-18 [PMID: 32558151] (ELISA, Rat)



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### **Products Related to NBP2-75333**

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H00007122-P01-2ug	Recombinant Human Claudin-5 GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP2-02259	Claudin-5 Antibody (OTI1G4)
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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