

Product Datasheet

Rat COMP/Thrombospondin-5 ELISA Kit (Colorimetric) NBP2-82142

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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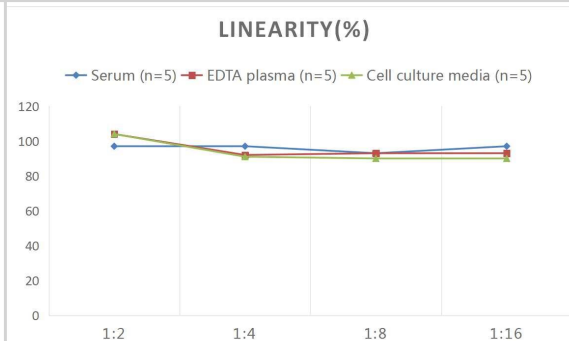


NBP2-82142**Rat COMP/Thrombospondin-5 ELISA Kit (Colorimetric)**

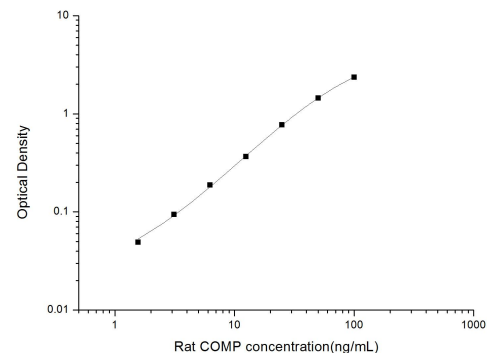
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	1311
Gene Symbol	COMP
Species	Rat
Specificity/Sensitivity	This kit recognizes Rat COMP/Thrombospondin-5 in samples. No significant cross-reactivity or interference between Rat COMP/Thrombospondin-5 and analogues was observed.
Kit Components	Micro ELISA Plate, dismountable (8 wells x 12 strips); Reference Standard (2 vials); Concentrated (100X) Biotinylated Detection Ab (120 uL); Concentrated (100X) HRP Conjugate (120 uL); Reference Standard & Sample Diluent (20 mL); Biotinylated Detection Ab
Standard Curve Range	1.56 - 100 ng/mL
Sensitivity	0.94 ng/mL
Inter Assay	CV% < 5%
Intra Assay	CV% < 5%
Assay Type	Sandwich-ELISA
Spiking Recovery	average = 101% for serum; average = 99% for EDTA plasma; average = 93% for cell culture media
Suitable Sample Type	Serum, Plasma, Urine, Tissue Homogenate
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Rat COMP/Thrombospondin-5 ELISA Kit (Colorimetric) [NBP2-82142] - Samples were spiked with high concentrations of Rat COMP/Thrombospondin-5 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Rat COMP/Thrombospondin-5 ELISA Kit (Colorimetric) [NBP2-82142] - Standard Curve Reference



Publications

Nian-Cih Huang, Tsorng-Shyang Yang, Prabhakar Busa, Ching-Ling Lin, Ya-Chieh Fang, Ing-Jung Chen, Chih-Shung Wong, Berardo Di Matteo Detection and Evaluation of Serological Biomarkers to Predict Osteoarthritis in Anterior Cruciate Ligament Transection Combined Medial Meniscectomy Rat Model International Journal of Molecular Sciences 2021-09-22 [PMID: 34638520]



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Products Related to NBP2-82142

210-TA-005	TNF-alpha [Unconjugated]
DCMP0	COMP/Thrombospondin-5 [HRP]
M6000B-1	IL-6 [HRP]
AF3075	SOX9 Antibody [Unconjugated]

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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