

Product Datasheet

Rat CD44 ELISA Kit (Colorimetric) NBP2-75154

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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Updated 10/23/2024 v.20.1

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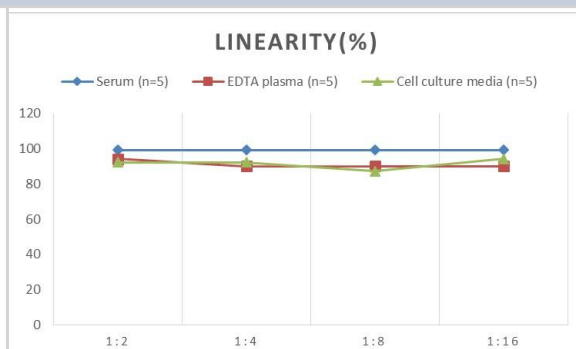


NBP2-75154**Rat CD44 ELISA Kit (Colorimetric)**

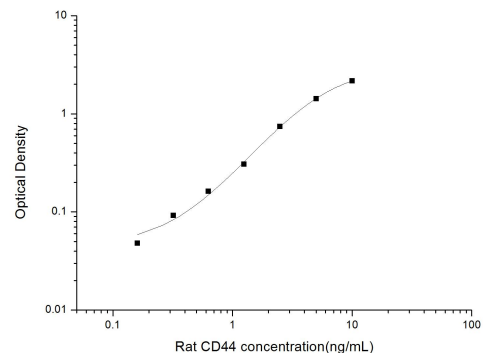
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	960
Gene Symbol	CD44
Species	Rat
Specificity/Sensitivity	This kit recognizes Rat CD44 in samples. No significant cross-reactivity or interference between Rat CD44 and analogues was observed.
Kit Components	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
Standard Curve Range	0.16 - 10 ng/mL
Sensitivity	0.10 ng/mL
Inter Assay	CV% < 5.44%
Intra Assay	CV% < 4.86%
Assay Type	Sandwich-ELISA
Spiking Recovery	90-108%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Rat CD44 ELISA Kit (Colorimetric) [NBP2-75154] - Samples were spiked with high concentrations of Rat CD44 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Rat CD44 ELISA Kit (Colorimetric) [NBP2-75154] - Standard Curve Reference



Publications

Lei Guo, Rui Hua, Xinxin Zhang, Ting Yu Yan, Yang Tong, Xin Zhao, Shi Chao Chen, Moying Wang, Neil M. Bressler, Jun Kong Scleral Cross-Linking in Form-Deprivation Myopic Guinea Pig Eyes Leads to Glaucomatous Changes Investigative Ophthalmology & Visual Science 2022-05-20 [PMID: 35594036]

Matsushita K, Toyoda T, Akane H et al. Role of CD44 expressed in renal tubules during maladaptive repair in renal fibrogenesis in an allopurinol-induced rat model of chronic kidney disease Journal of applied toxicology : JAT 2023-10-24 [PMID: 37876353] (ELISA)



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Products Related to NBP2-75154

NBP1-84578PEP	CD44 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
BBA10	CD44 Antibody (2C5) [Unconjugated] - s Pan Specific
M6000B-1	IL-6 [HRP]

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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