

Product Datasheet

Human CD44 ELISA Kit (Colorimetric) NBP1-86819

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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Publications: 1

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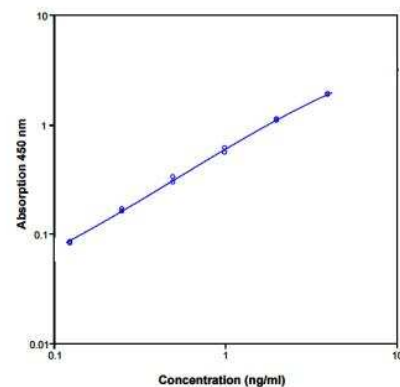
NBP1-86819**Human CD44 ELISA Kit (Colorimetric)**

Product Information	
Unit Size	96 Tests
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	
Description	This kit is an enzyme-linked immunosorbent assay for quantitative detection.
Gene ID	960
Gene Symbol	CD44
Species	Human
Specificity/Sensitivity	This assay detects the standard form (CD44std). The interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into a human CD44std positive serum. There was no crossreactivity detected, namely not with TNF alpha, TNF beta, TNF-R, IFN alpha 2c, IFN gamma, IL-8, Annexin, ELAM-1, L-selectin, ICAM-1 and HER-2.
Kit Components	Aluminium pouch(es) with a Microwell Plate coated with monoclonal antibody to human C1q
Standard Curve Range	0.13 - 4.0 ng/mL
Sensitivity	0.02 ng/mL
Inter Assay	CV% < 4.1%
Intra Assay	CV% < 4.8%
Assay Type	Sandwich ELISA
Spiking Recovery	The amount of endogenous human CD44std in unspiked serum was subtracted from the spike values. The recovery ranged from 76% to 101% with an overall mean recovery of 89%.
Suitable Sample Type	Cell culture supernatant, serum, plasma (EDTA, citrate, heparin), amniotic fluid, urine
Sample Volume	20 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA



Images

ELISA: CD44 ELISA Kit [NBP1-86819] - Standard curve



ELISA: Human CD44 ELISA Kit (Colorimetric) [NBP1-86819] - The CD44std ELISA detects all circulating CD44 isoforms comprising the standard protein sequences. Standard protein sequences in black, variant exons, open boxes numbered v2 - v10.



Publications

Kassem MM, Vivian Gahtan MD Thrombospondins Differentially Regulate Proteins Involved in Arterial Remodeling
Short Title: TSP induced Protein Expression Physiol Res 2019-10-25 [PMID: 31647293] (ELISA)



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Products Related to NBP1-86819

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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