

Product Datasheet

Human Complement C4a ELISA Kit (Colorimetric) NBP2-70043

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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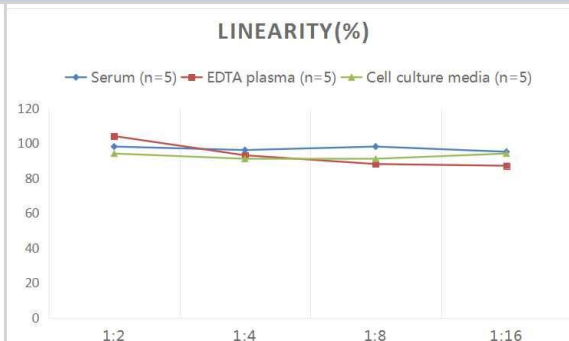
NBP2-70043**Human Complement C4a ELISA Kit (Colorimetric)**

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	720
Gene Symbol	C4A
Species	Human
Specificity/Sensitivity	This kit recognizes Human C4a in samples. No significant cross-reactivity or interference between Human C4a 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	1.56 - 100 ng/mL
Sensitivity	0.94 ng/mL
Inter Assay	CV% < 4.84%
Intra Assay	CV% < 5%
Assay Type	Sandwich-ELISA
Spiking Recovery	86-106%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

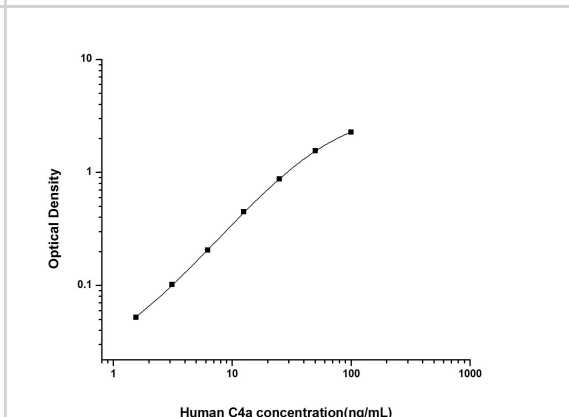


Images

ELISA: Human Complement C4a ELISA Kit (Colorimetric) [NBP2-70043]
 - Samples were spiked with high concentrations of Human Complement C4a and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human Complement C4a ELISA Kit (Colorimetric) [NBP2-70043]
 - Standard Curve Reference



Publications

Rebecca Panitch, Junming Hu, Jaeyoon Chung, Congcong Zhu, Gaoyuan Meng, Weiming Xia, David A Bennett, Kathryn L Lunetta, Tsuneya Ikezu, Rhoda Au, Thor D Stein, Lindsay A Farrer, Gyungah R Jun Integrative brain transcriptome analysis links complement component 4 and HSPA2 to the APOE ε2 protective effect in Alzheimer disease. Molecular psychiatry 2022-02-02 [PMID: 34480088]

Panitch R Understanding the mechanisms and pathways of Alzheimer's disease in APOE genotype sub-populations Thesis 2023-01-01 (ELISA)



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Products Related to NBP2-70043

NBP2-46783PEP	Complement C4a Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NBP3-16217-100ul	Complement C4a Antibody (4C3F2)
DIP100	CXCL10/IP-10/CRG-2 [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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