

Product Datasheet

Mouse Complement C3a ELISA Kit (Colorimetric) NBP2-70037

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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Publications: 6

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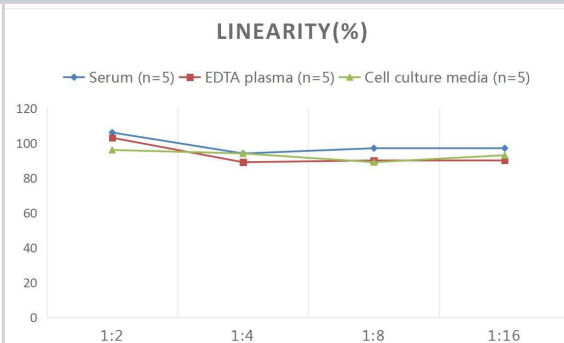


NBP2-70037**Mouse Complement C3a ELISA Kit (Colorimetric)**

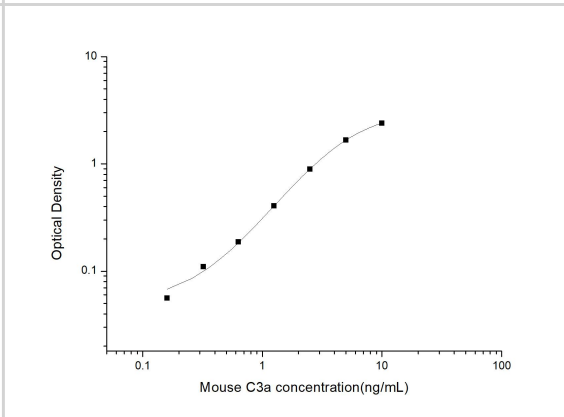
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	718
Gene Symbol	C3
Species	Mouse
Specificity/Sensitivity	Mouse Complement C3a ELISA Kit (Colorimetric) recognizes Mouse C3a in samples. No significant cross-reactivity or interference between Mouse C3a 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 < 5.21
Intra Assay	%CV < 5.38
Assay Type	Sandwich-ELISA
Spiking Recovery	91 - 109%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Mouse Complement C3a ELISA Kit (Colorimetric) [NBP2-70037]
- Samples were spiked with high concentrations of Mouse Complement C3a and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse Complement C3a ELISA Kit (Colorimetric) [NBP2-70037]
- Standard Curve Reference



Publications

Krishnan R, Stapledon CJM, Mostafavi H et al. Anti-inflammatory actions of Pentosan polysulfate sodium in a mouse model of influenza virus A/PR8/34-induced pulmonary inflammation *Frontiers in immunology* 2023-02-09 [PMID: 36845136] (ELISA, Mouse)

Li C, Li Y, Zhang H et al. Xuanfei Baidu Decoction suppresses complement overactivation and ameliorates IgG immune complex-induced acute lung injury by inhibiting JAK2/STAT3/SOCS3 and NF- κ B Signaling Pathway *Phytomedicine* 2022-11-01 [PMID: 36610119] (ELISA, Mouse)

Details:

1:500 dilution ICC/IF

Guo Z, Chen J, Zeng Y et al. Complement Inhibition Alleviates Cholestatic Liver Injury Through Mediating Macrophage Infiltration and Function in Mice *Frontiers in immunology* 2022-01-07 [PMID: 35069557] (ELISA)

Nagano F, Mizuno T, Imai M Et al. Expression of a Crry/p65 is reduced in acute lung injury induced by extracellular histones *FEBS open bio* 2021-10-28 [PMID: 34709768] (ELISA)

Gray L, Raczy M, Briquez P et al. Generation of potent cellular and humoral immunity against SARS-CoV-2 antigens via conjugation to a polymeric glyco-adjuvant *Biomaterials* 2021-09-01 [PMID: 34634664] (ELISA)

Han R, Hu S, Qin W, et al. C3a and suPAR drive versican V1 expression in tubular cells of focal segmental glomerulosclerosis *JCI Insight* 2020-04-04 [PMID: 30944246] (ELISA, ELISA, Mouse)



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Products Related to NBP2-70037

210-TA-005	TNF-alpha [Unconjugated]
NBP1-05122	Complement C3a Antibody (K13/16-5.7) - BSA Free
M6000B-1	IL-6 [HRP]
MAB1455	Albumin Antibody (188835) [Unconjugated] - Serum

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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