

# Product Datasheet

## Rat Complement C3a ELISA Kit (Colorimetric) NBP2-70039

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

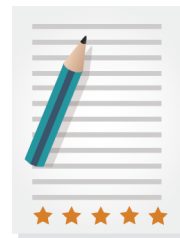
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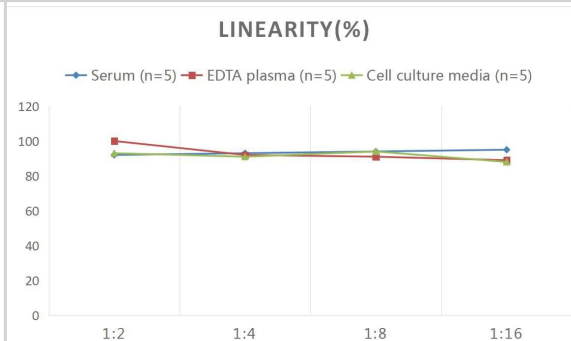


**NBP2-70039****Rat Complement C3a ELISA Kit (Colorimetric)**

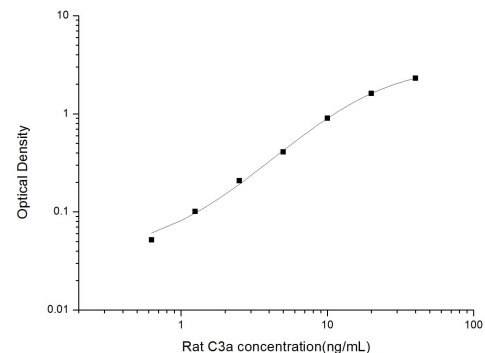
| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 1 Kit  |
| <b>Concentration</b>               | Concentration is not relevant for this product. Please see the protocols for proper use of this product.   |
| <b>Storage</b>                     | Storage of components varies. See protocol for specific instructions.  |
| <b>Product Description</b>         |  |
| <b>Gene ID</b>                     | 718  |
| <b>Gene Symbol</b>                 | C3   |
| <b>Species</b>                     | Rat  |
| <b>Specificity/Sensitivity</b>     | Rat Complement C3a ELISA Kit (Colorimetric) recognizes Rat C3a in samples. No significant cross-reactivity or interference between Rat C3a and analogues was observed.   |
| <b>Kit Components</b>              | 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 |
| <b>Standard Curve Range</b>        | 0.63 - 40 ng/mL  |
| <b>Sensitivity</b>                 | 0.38 ng/mL   |
| <b>Inter Assay</b>                 | %CV < 4.57   |
| <b>Intra Assay</b>                 | %CV < 5.04   |
| <b>Assay Type</b>                  | Sandwich-ELISA   |
| <b>Spiking Recovery</b>            | 87 - 107%  |
| <b>Suitable Sample Type</b>        | Serum, plasma and other biological fluids  |
| <b>Sample Volume</b>               | 100 uL   |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | ELISA  |
| <b>Recommended Dilutions</b>       | ELISA  |

## Images

ELISA: Rat Complement C3a ELISA Kit (Colorimetric) [NBP2-70039] - Samples were spiked with high concentrations of Rat Complement C3a and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Rat Complement C3a ELISA Kit (Colorimetric) [NBP2-70039] - Standard Curve Reference



## Publications

Camardo A, Carney S, Ramamurthi A Assessing the targeting and fate of cathepsin k antibody-modified nanoparticles in a rat abdominal aortic aneurysm model Acta Biomaterialia 2020-06-01 [PMID: 32504690] (ELISA, Rat)



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### **Products Related to NBP2-70039**

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|            |  |
|------------|--|
| 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 |

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### **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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