



User's Manual

Mouse C3a(Complement Component 3a) ELISA Kit



DEIA-NS2307-87



96T



This product is for research use only and is not intended for diagnostic use.

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

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PRODUCT INFORMATION

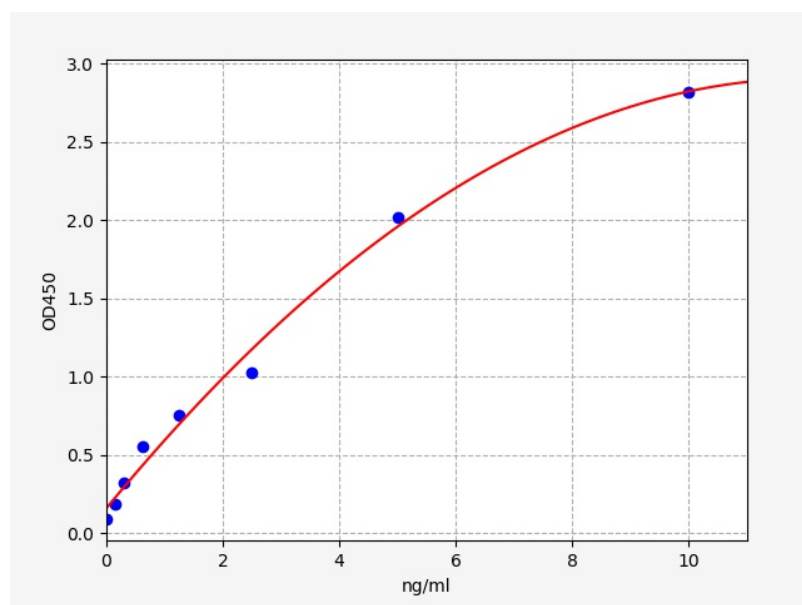
Intended Use

C3a ELISA Kit allows for the in vitro quantitative determination of C3a concentrations in serum, plasma, tissue homogenates and other biological fluids.

Storage

2-8 °C for 6 months

Typical Standard Curve



Precision

Intra-Assay: CV<8%

Inter-Assay: CV<10%

Detection Range

0.156-10ng/ml

Sensitivity

< 0.094ng/ml

Linearity

The linearity of the kit was assayed by testing samples spiked with appropriate concentration of C3a and their serial dilutions. The results were demonstrated by the percentage of calculated concentration to the expected.

Sample	1:2	1:4	1:8
serum(n=5)	85-102%	87-103%	90-103%
EDTA plasma(n=5)	83-89%	84-100%	85-99%
heparin plasma(n=5)	86-100%	81-100%	87-95%

Recovery

Matrices listed below were spiked with certain level of C3a and the recovery rates were calculated by comparing the measured value to the expected amount of C3a in samples.

Matrix	Recovery range(%)	Average(%)
serum(n=5)	91-104	95
EDTA plasma(n=5)	89-103	96
heparin plasma(n=5)	87-102	95