

Rat Non-ester Fatty Acid ELISA Kit | NEFA elisa kit

Rat Non-ester Fatty Acid ELISA Kit

CATALOG #
AAA83525

REACTIVITY
Rat

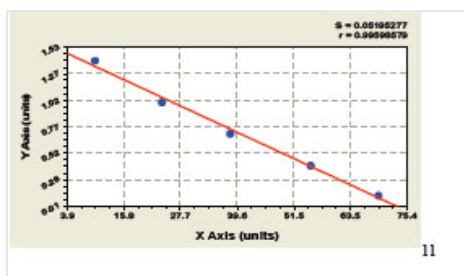
PRODUCT SYNONYMS

Non-ester Fatty Acid; Rat Non-ester Fatty Acid ELISA Kit; NEFA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 mumol/L.
Intended Uses	This NEFA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat NEFA. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NEFA elisa kit

Principle of the assay: NEFA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NEFA antibody and an NEFA-HRP conjugate. The assay sample and buffer are incubated together with NEFA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NEFA concentration since NEFA from samples and NEFA-HRP conjugate compete for the anti-NEFA antibody binding site. Since the number of sites is limited, as more sites are occupied by NEFA from the sample, fewer sites are left to bind NEFA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NEFA concentration in each sample is interpolated from this standard curve.

Product Categories/Family for NEFA elisa kit

Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	8250669
NCBI Official Full Name	neuraminidase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/nefa-rat-elisa-kits/non-ester-fatty-acid/83525>