

Rat EGF ELISA Kit | EGF elisa kit

Rat EGF (Epidermal Growth Factor) ELISA Kit

CATALOG #
AAA163625

REACTIVITY
Rat

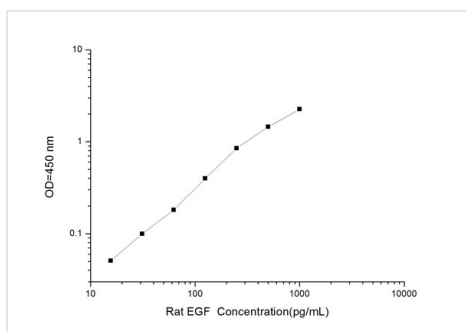
PRODUCT SYNONYMS

EGF; Rat EGF (Epidermal Growth Factor) ELISA Kit; EGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes Rat DPD in samples. No significant cross-reactivity or interference between Rat DPD and analogues was observed.
Sequence Length	89
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Competitive
Detection Range	3.13-200ng/mL
Sensitivity	1.88ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Rat DPD were tested 20 times on one plate, respectively
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Rat DPD were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EGF elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat DPD concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Rat DPD. During the reaction, Rat DPD in the sample or standard competes with a fixed amount of Rat DPD on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat DPD. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Rat DPD in the samples is then determined by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	688072
Molecular Weight	9,879 Da
NCBI Official Full Name	epidermal growth factor, partial
UniProt Protein Name	Epidermal growth factor
UniProt Gene Name	epidermal growth factor/ EGF
UniProt Entry Name	Q28867_HORSE

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://www.aaabiotech.com/rat-elisa-kits/egf/163625>