

Human Epidermal growth factor, EGF ELISA Kit | EGF elisa kit

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CATALOG #
AAA79494

REACTIVITY
Human

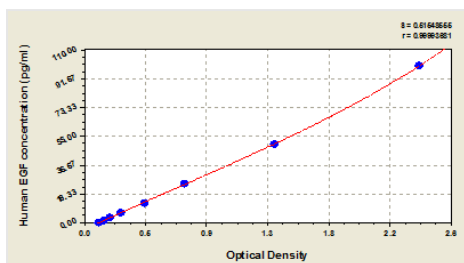
PRODUCT SYNONYMS

Epidermal growth factor; EGF; Human Epidermal growth factor; EGF ELISA Kit; EGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	89
Samples	Serum, plasma, cell culture supernates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	3.9 pg/ml
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EGF elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to EGF. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for EGF and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5'-tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain EGF, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of EGF in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

688072

UniProt Accession #	Q28867
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/human-elisa-kits/epidermal-growth-factor-egf/79494>