

Human Epidermal growth factor ELISA Kit | EGF elisa kit

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CATALOG #
AAA84046

REACTIVITY
Human

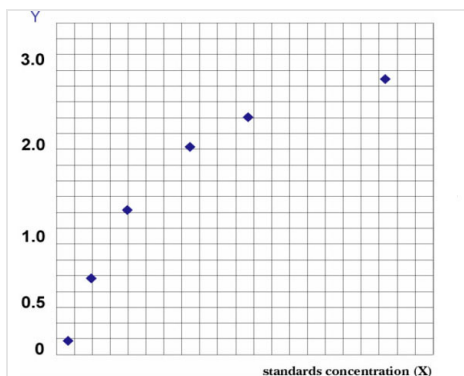
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EGF elisa kit

Intended Uses: This EGF ELISA kit is intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of EGF in the sample, this EGF ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus EGF concentration. The concentration of EGF in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: This EGF enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for EGF. Standards or samples are then added to the microtiter plate wells and EGF if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of EGF present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for EGF are added to each well to "sandwich" the EGF immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain EGF and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.

Product Categories/Family for EGF
elisa kit

Human ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	688072
NCBI Official Full Name	epidermal growth factor

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/egf-human-elisa-kits/epidermal-growth-factor/84046>