

Chicken Total Epidermal Growth Factor ELISA Kit | EGF elisa kit

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CATALOG #
AAA88892

REACTIVITY
Chicken

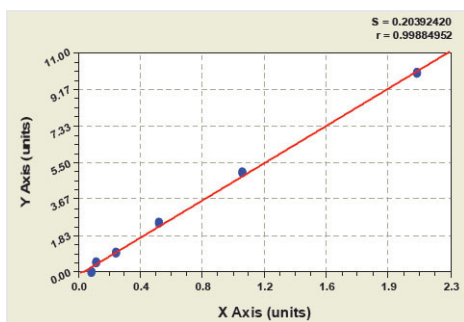
PRODUCT SYNONYMS

Total Epidermal Growth Factor; Chicken Total Epidermal Growth Factor ELISA Kit; EGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Assay Type	Competitive or Sandwich
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL.
Intended Uses	This EGF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of ChickenEGF. 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 EGF elisa kit

Principle of the Assay: EGF ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate 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, substrate solutions are 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 color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The EGF concentration in each sample is interpolated from this standard curve.

Product Categories/Family for EGF elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503705
NCBI GeneID	2252
NCBI Accession #	NP_002000.1
NCBI GenBank Nucleotide #	NM_002009.3
UniProt Accession #	P21781; Q6FGV5; Q6RK68; Q96FG5
Molecular Weight	22,509 Da
NCBI Official Full Name	fibroblast growth factor 7
NCBI Official Synonym Full Names	fibroblast growth factor 7
NCBI Official Symbol	FGF7
NCBI Official Synonym Symbols	KGF; HBGF-7
NCBI Protein Information	fibroblast growth factor 7; FGF-7; keratinocyte growth factor; heparin-binding growth factor 7
UniProt Protein Name	Fibroblast growth factor 7
UniProt Gene Name	FGF7
UniProt Synonym Gene Names	KGF; FGF-7; HBGF-7
UniProt Entry Name	FGF7_HUMAN

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/egf-chicken-elisa-kits/total-epidermal-growth-factor/88892>