

Human Epidermal growth factor-like protein 6 ELISA Kit | EGFL6 elisa kit

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CATALOG #
AAA247162

REACTIVITY
Human

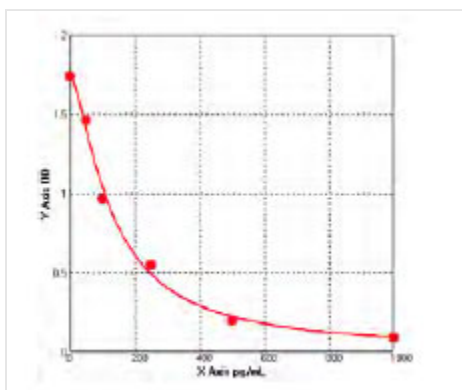
PRODUCT SYNONYMS

Epidermal growth factor-like protein 6; Human Epidermal growth factor-like protein 6 ELISA Kit; EGFL6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	554
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EGFL6 elisa kit

Intended Uses: This EGF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit EGF. This ELISA kit for research use only!

Principle of the Assay: EGF ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-EGF antibody and an EGF-HRP conjugate. The assay sample and buffer are incubated together with EGF-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 EGF concentration since EGF from samples and EGF-HRP conjugate compete for the anti-EGF antibody binding site. Since the number of sites is limited, as more sites are occupied by EGF from the sample, fewer sites are left to bind EGF-HRP conjugate. 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	268607667
NCBI GeneID	25975
NCBI Accession #	NP_001161362.1
NCBI GenBank Nucleotide #	NM_001167890.1
UniProt Accession #	Q8IUX8; Q6UXJ1; Q8NBV0; Q8WYG3; Q9NY67; Q9NZL7; Q9UFK6; B2RCB1
Molecular Weight	61,388 Da
NCBI Official Full Name	epidermal growth factor-like protein 6 isoform 2
NCBI Official Synonym Full Names	EGF like domain multiple 6
NCBI Official Symbol	EGFL6
NCBI Official Synonym Symbols	W80; MAEG
NCBI Protein Information	epidermal growth factor-like protein 6
UniProt Protein Name	Epidermal growth factor-like protein 6
UniProt Gene Name	EGFL6
UniProt Synonym Gene Names	MAEG; EGF-like protein 6

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/egfl6-human-elisa-kits/epidermal-growth-factor-like-protein-6/247162>