

EGF elisa kit

Human EGF ELISA KIT

CATALOG #
AAA267264

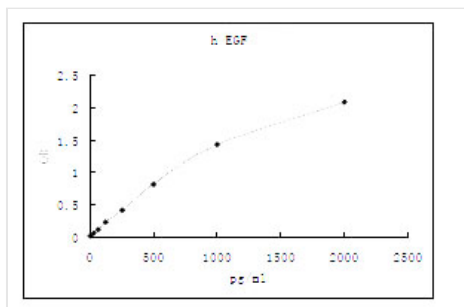
PRODUCT SYNONYMS

EGF; Human EGF ELISA KIT; EGF elisa kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of COL3. No significant cross-reactivity or interference between COL3 and analogues was observed.
Sequence Length	89
Samples	Serum,Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Sensitivity	0.61ng/mL
Intra-assay Precision	Three samples of known concentration were tested 20 times on one plate to evaluate the Intra-plate precision. Intra-Assay: CV<10%
Inter-assay Precision	Three samples of known concentration were tested 20 times separate assays to evaluate the Inter-plate precision.Assay were using two lots of components. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EGF elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. A monoclonal antibody specific for COL3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any COL3 present is bound by the immobilized antibody. Following incubation unbound samples are removed during a wash step, and then a detection antibody specific for COL3 is added to the wells and binds to the combination of capture antibody COL3 in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps, a substrate is added. A colored product TMB is formed in proportion to the amount of COL3 present in the sample. The reaction is terminated by addition of acid and absorbance is measured. A standard curve is prepared from seven COL3 standard dilutions and COL3 sample concentration determined!!

Background/Introduction: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of COL3 in Porcine serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	688072
NCBI GeneID	106782874
Molecular Weight	9,879 Da
NCBI Official Full Name	epidermal growth factor, partial
NCBI Official Synonym Full Names	epidermal growth factor
NCBI Official Symbol	EGF
NCBI Protein Information	pro-epidermal growth factor
UniProt Protein Name	Epidermal growth factor
UniProt Gene Name	epidermal growth factor/ EGF

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/elisa-kits/egf/267264>