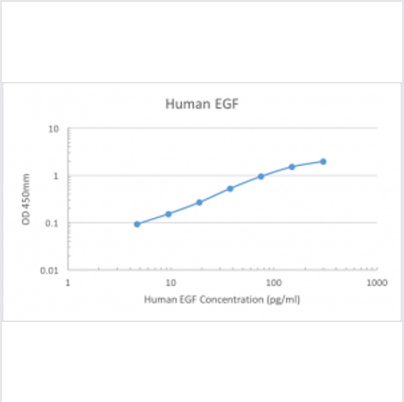
EGF ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	EGF, ELISA Kit
Full Product Name	Human EGF Pre-Coated ELISA Kit
Product Gene Name	EGF elisa kit
Species Reactivity	Human
Assay Type	Solid Phase Sandwich ELISA: 96-Well Strip Plate
Detection Range	4.7pg/mL-300pg/mL
Sensitivity	<1pg/ml
Specificity	Natural and recombinant Human EGF
Preparation and Storage	Store the unopened product at 2-8 degree C.
Molecular Weight	1207
OMIM	gene 611718
3D Structure	ModBase 3D Structure for P01133
Components	Anti-Human EGF Pre-coated 96-well strip microplate Human EGF Standard Human EGF Biotinylated antibody (100x) Avidin-Biotin-Peroxidase Complex (100x) Sample Diluent Antibody Diluent Avidin-Biotin-Peroxidase Diluent Wash Buffer Concentrate (Powder for 1000mL) Color Developing Reagent Stop Solution Plate Sealers
Interference	No detectable cross-reactivity with other relevant proteins
Related Product Information for EGF elisa kit	EGF is a potent growth factor that stimulates the proliferation of various epidermal and epithelial cells. Additionally, EGF has been shown to inhibit gastric secretion, and to be involved in wound healing. EGF signals through a receptor known as c-erbB, which is a class I tyrosine kinase receptor. This receptor also binds with TGF-alpha and VGF (vaccinia virus growth factor). Human EGF Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human EGF with a 96-well strip plate that is pre-coated with mouse monoclonal antibody specific for EGF. It contains E Coli-expressed recombinant Human EGF. The detection antibody is a biotinylated goat polyclonal antibody specific for EGF. The kit is analytically validated with ready to use reagents.
Other Notes	Small volumes of EGF elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for EGF purchase	MBS697337 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the EGF, ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing EGF. The ELISA analytical biochemical technique of the MBS697337 kit is based on EGF antibody-EGF antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect EGF antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, EGF. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).



Typical Testing Data/Standard Curve (for reference only) of EGF elisa kit

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EGF. It may not necessarily be applicable to this product.

NCBI GI #	251757262
NCBI GeneID	1950
NCBI Accession #	P01133.2
UniProt Primary Accession #	P01133
UniProt Secondary Accession #	Q52LZ6; B4DRK7; E7EVD2; E9PBF0
UniProt Related Accession #	P01133
NCBI Official Full Name	Pro-epidermal growth factor
NCBI Official Synonym Full Names	epidermal growth factor
NCBI Official Symbol	EGF
NCBI Official Synonym Symbols	URG; HOMG4
UniProt Protein Name	Pro-epidermal growth factor
UniProt Synonym Protein Names	Urogastrone
Protein Family	Pro-epidermal growth factor
UniProt Gene Name	EGF
UniProt Synonym Gene Names	EGF
UniProt Entry Name	EGF_HUMAN
NCBI Protein Information	pro-epidermal growth factor; beta-urogastrone
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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