

Human EGF (Epidermal Growth Factor) ELISA Kit | EGF elisa kit

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CATALOG #
AAA278084

REACTIVITY
Human

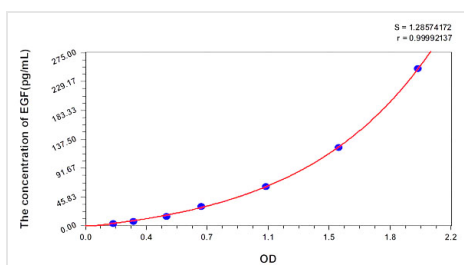
PRODUCT SYNONYMS

EGF (Epidermal Growth Factor); Human EGF (Epidermal Growth Factor) ELISA Kit; URG; Beta-Urogastrone; Pro-epidermal growth factor; EGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	15.63-1000pg/mL
Sensitivity	3.5pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EGF elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human EGF. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human EGF. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human EGF, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human EGF in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for EGF elisa kit

[Cytokine](#); [Tumor immunity](#); [Infection immunity](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	251757262
NCBI GeneID	1950
UniProt Accession #	P01133; Q52LZ6; B4DRK7; E7EVD2; E9PBF0

Molecular Weight	1207
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
NCBI Protein Information	pro-epidermal growth factor; beta-urogastrone
UniProt Protein Name	Pro-epidermal growth factor
UniProt Gene Name	EGF
UniProt Synonym Gene Names	EGF
UniProt Entry Name	EGF_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://www.aaabiotech.com/human-elisa-kits/egf-epidermal-growth-factor/278084>