

Human epidermal growth factor receptor, EGFR ELISA Kit | EGFR elisa kit

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CATALOG #
AAA42588

REACTIVITY
Human

PRODUCT SYNONYMS

epidermal growth factor receptor; EGFR; Human epidermal growth factor receptor; EGFR ELISA Kit; EGFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1167
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml-15ng/ml
Sensitivity	0.25ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EGFR elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Epidermal Growth Factor Receptor (also known as EGFR) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human EGFR antibody. EGFR present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human EGFR Antibody is added and binds to EGFR in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated EGFR antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human EGFR. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	326467049
NCBI GeneID	1956
UniProt Accession #	P00533; O00688; O00732; P06268; Q14225; Q68GS5; Q92795; Q9BZS2; Q9GZX1; Q9H2C9; Q9H3C9; Q9UMD7
Molecular Weight	44,664 Da
NCBI Official Full Name	epidermal growth factor receptor
NCBI Official Synonym Full Names	epidermal growth factor receptor
NCBI Official Symbol	EGFR
NCBI Official Synonym Symbols	ERBB; HER1; mENA; ERBB1; PIG61; NISBD2
NCBI Protein Information	epidermal growth factor receptor
UniProt Protein Name	Epidermal growth factor receptor
UniProt Gene Name	EGFR
UniProt Synonym Gene Names	ERBB; ERBB1; HER1

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/epidermal-growth-factor-receptor-egfr/42588>