

Mouse EGFR (Epidermal Growth Factor Receptor) ELISA Kit | EGFR elisa kit

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CATALOG #
AAA248618

REACTIVITY
Mouse

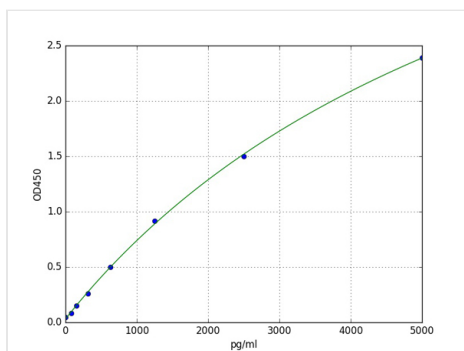
PRODUCT SYNONYMS

EGFR (Epidermal Growth Factor Receptor); Mouse EGFR (Epidermal Growth Factor Receptor) ELISA Kit; EGFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	1210
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.875-120ng/ml
Sensitivity	1.125ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EGFR elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-EGFR antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-EGFR antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the EGFR amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of EGFR can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

1352359

NCBI GeneID	13649
UniProt Accession #	Q01279
Molecular Weight	134,853 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	Wa5; wa2; Erbb; Errp; wa-2; Errb1; AI552599; 9030024J15Rik
NCBI Protein Information	epidermal growth factor receptor
UniProt Protein Name	Epidermal growth factor receptor
UniProt Gene Name	Egfr

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/mouse-elisa-kits/egfr-epidermal-growth-factor-receptor/248618>