

Mouse EGFR ELISA Kit | EGFR elisa kit

Mouse EGFR PicoKine Quick ELISA Kit

CATALOG # AAA128095	REACTIVITY Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

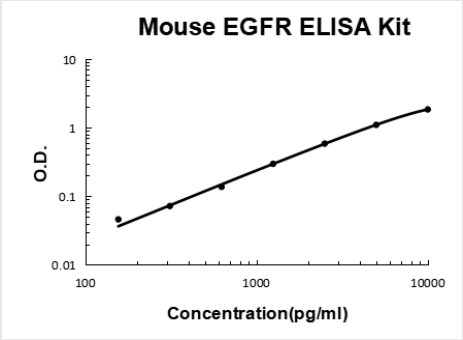
EGFR; Mouse EGFR PicoKine Quick ELISA Kit; Epidermal growth factor receptor; 2.7.10.1; Egfr; EGFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Assay Range	156pg/ml-10,000pg/ml
Sensitivity	<15pg/ml
Capture antibody and Detection antibody	polyclonal antibody from goat polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: L25-S647
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for EGFR elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration (pg/ml)015631262512502500500010000O.D.0.0580.1040.1300.1950.3550.6441.1581.908
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)3141163535833911465763Standard deviation16.9560.47241.1121.0175.2%3305.43CV (%)5.4%5.2%4.5%6.2%6.6%5.3%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 131436534134934218.455.3%Sample 21163108310361179111558.445.2%Sample 353585497508246765153313.426%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)

IMAGES



Standard Curve (Sample)
Mouse EGFR PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for EGFR elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for EGFR elisa kit	Quick ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	46560582
NCBI GeneID	13649
NCBI Accession #	NP_997538.1
NCBI GenBank Nucleotide #	NM_207655.2
UniProt Accession #	Q01279
Molecular Weight	134,853 Da
NCBI Official Full Name	epidermal growth factor receptor isoform 1
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
UniProt Entry Name	EGFR_MOUSE

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/mouse-elisa-kits/egfr/128095>