

Mouse Epiregulin, EPR ELISA Kit | EPR elisa kit

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CATALOG #
AAA42665

REACTIVITY
Mouse

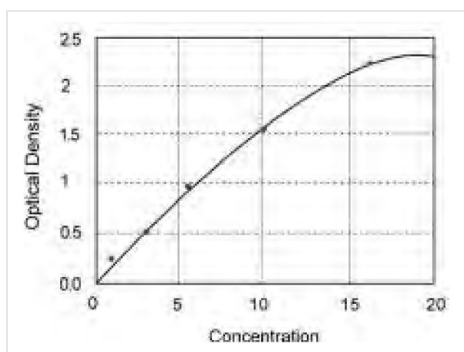
PRODUCT SYNONYMS

Epiregulin; EPR; Mouse Epiregulin; EPR ELISA Kit; EPR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	169
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	25-1600ng/L
Sensitivity	13.5ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 EPR elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse Ereg antibody. Ereg present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse Ereg Antibody is added and binds to Ereg in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Ereg 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 Mouse Ereg. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Proepiregulin (also known as Ereg) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2381481
NCBI GeneID	2069
UniProt Accession #	O14944; Q6FH69; B2RC66
Molecular Weight	19,044 Da
NCBI Official Full Name	epiregulin
NCBI Official Synonym Full Names	epiregulin
NCBI Official Symbol	EREG
NCBI Official Synonym Symbols	ER; Ep; EPR
NCBI Protein Information	proepiregulin
UniProt Protein Name	Proepiregulin
UniProt Gene Name	EREG
UniProt Synonym Gene Names	EPR

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/epiregulin-epr/42665>