

Mouse Heparin Binding Epidermal Growth Factor Like Growth Factor (HBEGF) ELISA Kit | HBEGF elisa kit

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CATALOG # AAA64783	REACTIVITY Mouse
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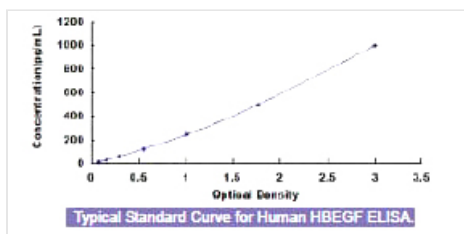
PRODUCT SYNONYMS

Heparin Binding Epidermal Growth Factor Like Growth Factor (HBEGF); Mouse Heparin Binding Epidermal Growth Factor Like Growth Factor (HBEGF) ELISA Kit; HB-EGF; DTR; DTS; DTSF; HEGFL; Diphtheria Toxin Receptor; Proheparin-binding EGF-like growth factor; Diphtheria toxin receptor; HBEGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of HBEGF. No significant cross-reactivity or interference between HBEGF and analogues was observed.
Sequence Length	208
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	6.0pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HBEGF were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level HBEGF were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HBEGF elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HBEGF in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HBEGF. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HBEGF. 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 HBEGF, 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 HBEGF in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6754178
NCBI GeneID	15200
NCBI Accession #	NP_034545.1
NCBI GenBank Nucleotide #	NM_010415.2
UniProt Accession #	Q06186
Molecular Weight	22,808 Da
NCBI Official Full Name	proheparin-binding EGF-like growth factor
NCBI Official Synonym Full Names	heparin-binding EGF-like growth factor
NCBI Official Symbol	Hbegf
NCBI Official Synonym Symbols	Dtr; Dts; Hegfl; AW047313
NCBI Protein Information	proheparin-binding EGF-like growth factor
UniProt Protein Name	Proheparin-binding EGF-like growth factor
UniProt Gene Name	Hbegf
UniProt Synonym Gene Names	Dtr; Hegfl; HB-EGF; HBEGF

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/heparin-binding-epidermal-growth-factor-like-growth-factor-hbegf/64783>