

Rat Heparin Binding Epidermal Growth Factor Like Growth Factor ELISA Kit | HBEGF elisa kit

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CATALOG #

AAA97931

REACTIVITY

Rat

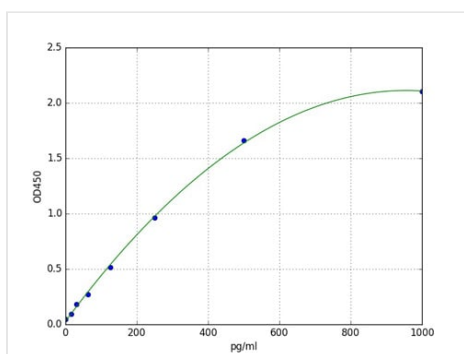
PRODUCT SYNONYMS

Heparin Binding Epidermal Growth Factor Like Growth Factor; Rat Heparin Binding Epidermal Growth Factor Like Growth Factor ELISA Kit; HBEGF/HB-EGF/HBEGF/Dtr/Dts/Hegfl/diphtheria toxin receptor (heparin-binding epidermal growth factor-like growthfactor)/DTRHEGFLdiphtheria toxin receptor (heparin-binding EGF-like growth factor)/DTS/DTSF/heparin-binding EGF-like growth factor/heparin-binding epidermal growth factor/proheparin-binding EGF-like growth factor; HBEGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	208
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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)

Typical Data & Standard Curve

Results of a typical standard run of a Rat HBEGF ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.034	0.082	0.133	0.228	0.460	0.995	1.570	2.621

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HBEGF elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat HBEGF antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat HBEGF 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 Rat HBEGF amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat HBEGF can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1236400
NCBI GeneID	15200
Molecular Weight	22,808 Da
NCBI Official Full Name	heparin-binding epidermal growth factor-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
UniProt Entry Name	HBEGF_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://stage.aaabiotech.com/hbegf-rat-elisa-kits/heparin-binding-epidermal-growth-factor-like-growth-factor/97931>