

Rat GMFB ELISA Kit | GMFB elisa kit

Rat GMFB (Glia Maturation Factor, Beta) ELISA Kit

CATALOG #
AAA165266

REACTIVITY
Rat

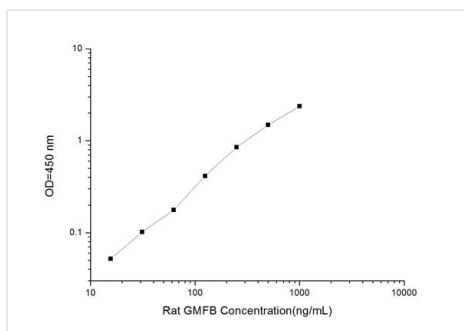
PRODUCT SYNONYMS

GMFB; Rat GMFB (Glia Maturation Factor; Beta) ELISA Kit; GMFB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat GMFB. No significant cross-reactivity or interference between Rat GMFB and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat GMFB and all the analogues, therefore, cross reaction may still exist.
Sequence Length	142
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000ng/mL
Sensitivity	Min: 9.375ng/mL; Max: 1000ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GMFB elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GMFB in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat GMFB. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat GMFB and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat GMFB, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat GMFB. You can calculate the concentration of Rat GMFB in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758442
NCBI GeneID	2764
NCBI Accession #	NP_004115.1
NCBI GenBank Nucleotide #	NM_004124.2
UniProt Accession #	P60983; P17774; Q9BS35; B2R499
Molecular Weight	16,713 Da
NCBI Official Full Name	glia maturation factor beta
NCBI Official Synonym Full Names	glia maturation factor, beta
NCBI Official Symbol	GMFB
NCBI Official Synonym Symbols	GMF
NCBI Protein Information	glia maturation factor beta; GMF-beta
UniProt Protein Name	Glia maturation factor beta
UniProt Gene Name	GMFB
UniProt Synonym Gene Names	GMF-beta
UniProt Entry Name	GMFB_HUMAN

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/rat-elisa-kits/gmfb/165266>