

Porcine Glia Maturation Factor Beta ELISA Kit | GMFb elisa kit

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CATALOG #
AAA96079

REACTIVITY
Porcine

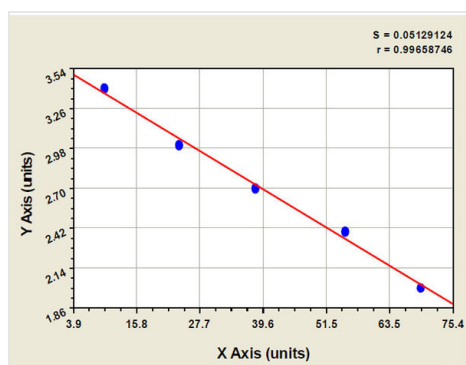
PRODUCT SYNONYMS

Glia Maturation Factor Beta; Porcine Glia Maturation Factor Beta ELISA Kit; GMFb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GMFb elisa kit

Principle of the assay: GMFB ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GMFB antibody and an GMFB-HRP conjugate. The assay sample and buffer are incubated together with GMFB-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GMFB concentration since GMFB from samples and GMFB-HRP conjugate compete for the anti-GMFB antibody binding site. Since the number of sites is limited, as more sites are occupied by GMFB from the sample, fewer sites are left to bind GMFB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GMFB concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4758442

NCBI GeneID	2764
NCBI Accession #	NP_004115.1
NCBI GenBank Nucleotide #	NM_004124.2
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/gmfb-porcine-elisa-kits/glia-maturation-factor-beta/96079>