

Guinea Pig Methylase ELISA Kit | Methylase elisa kit

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CATALOG #
AAA83113

REACTIVITY
Guinea Pig

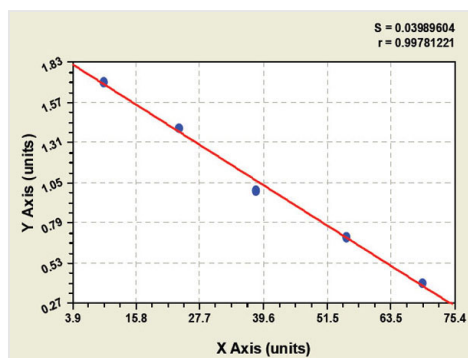
PRODUCT SYNONYMS

Methylase; Guinea pig Methylase ELISA Kit; Methylase elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This Methylase ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig Methylase. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Methylase elisa kit

Principle of the Assay: Methylase ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Methylase antibody and an Methylase-HRP conjugate. The assay sample and buffer are incubated together with Methylase-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 Methylase concentration since Methylase from samples and Methylase-HRP conjugate compete for the anti-Methylase antibody binding site. Since the number of sites is limited, as more sites are occupied by Methylase from the sample, fewer sites are left to bind Methylase-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Methylase concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	155092
Molecular Weight	48,408 Da
NCBI Official Full Name	methylase
UniProt Protein Name	Modification methylase TthHB8I
UniProt Gene Name	tthHB8IM
UniProt Synonym Gene Names	TTHA1583; M.TthHB8I
UniProt Entry Name	MTT8_THET8

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://www.aaabiotech.com/guinea-pig-pig-elisa-kits/methylase/83113>