

Rat Prostaglandin E synthase (PTGES) ELISA Kit | PTGES elisa kit

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CATALOG #
AAA121151

REACTIVITY
Rat

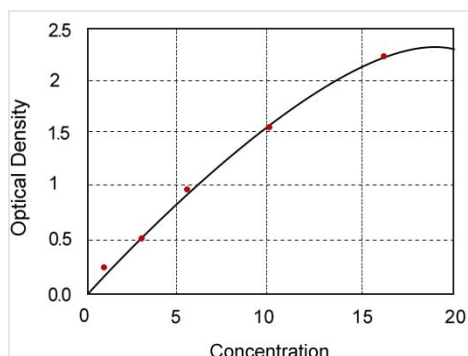
PRODUCT SYNONYMS

Prostaglandin E synthase (PTGES); Rat Prostaglandin E synthase (PTGES) ELISA Kit; PTGES elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	153
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 200ng/L
Sensitivity	5.52ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTGES elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Prostaglandin E Synthase (also known as PTGES) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat PTGES antibody. PTGES present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat PTGES Antibody is added and binds to PTGES in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PTGES antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat PTGES. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	171184453
NCBI GeneID	480698
NCBI Accession #	NP_001116326.1
NCBI GenBank Nucleotide #	NM_001122854.1
UniProt Accession #	A0SYQ0
Molecular Weight	17,129 Da
NCBI Official Full Name	prostaglandin E synthase
NCBI Official Synonym Full Names	prostaglandin E synthase
NCBI Official Symbol	PTGES
NCBI Official Synonym Symbols	PGES; MPGES-1
NCBI Protein Information	prostaglandin E synthase
UniProt Protein Name	Prostaglandin E synthase
UniProt Gene Name	PTGES
UniProt Synonym Gene Names	PGES; MPGES-1

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/prostaglandin-e-synthase-ptges/121151>