

Porcine prostaglandin G/H synthase 2 (PTGS2) ELISA Kit | PTGS2 elisa kit

Porcine prostaglandin G/H synthase 2 (PTGS2) ELISA Kit

CATALOG #
AAA121349

REACTIVITY
Porcine

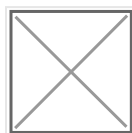
PRODUCT SYNONYMS

prostaglandin G/H synthase 2 (PTGS2); Porcine prostaglandin G/H synthase 2 (PTGS2) ELISA Kit; PTGS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Sequence Length	604
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.22ng/ml
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 PTGS2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Porcine Prostaglandin G/H Synthase 2 (also known as PTGS2) 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 Porcine PTGS2 antibody. PTGS2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Porcine PTGS2 Antibody is added and binds to PTGS2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PTGS2 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 Porcine PTGS2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27806109
NCBI GeneID	282023

NCBI Accession #	NP_776870.1
NCBI GenBank Nucleotide #	NM_174445.2
UniProt Accession #	O62698 ; O46517 ; O62665
Molecular Weight	69,163 Da
NCBI Official Full Name	prostaglandin G/H synthase 2
NCBI Official Synonym Full Names	prostaglandin-endoperoxide synthase 2
NCBI Official Symbol	PTGS2
NCBI Protein Information	prostaglandin G/H synthase 2
UniProt Protein Name	Prostaglandin G/H synthase 2
UniProt Gene Name	PTGS2
UniProt Synonym Gene Names	COX2; COX-2; PGH synthase 2; PGHS-2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/porcine-elisa-kits/prostaglandin-g-h-synthase-2-ptgs2/121349>