

Rat Prostaglandin E1 (PGE1) ELISA Kit | PGE1 elisa kit

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CATALOG #
AAA13074

REACTIVITY
Rat

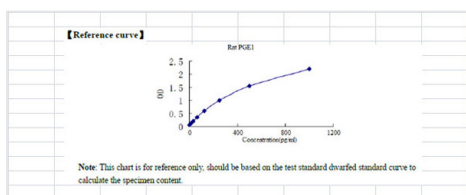
PRODUCT SYNONYMS

Prostaglandin E1 (PGE1); Rat Prostaglandin E1 (PGE1) ELISA Kit; PGE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	710
Samples	Rat serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	1000 pg/ml-15.6 pg/ml
Sensitivity	Up to 5 pg/ml
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGE1 elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Rat PGE1 monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12003094
NCBI GeneID	28232

Molecular Weight	46,411 Da
NCBI Official Full Name	PGE1 transporter
NCBI Official Synonym Full Names	solute carrier organic anion transporter family, member 3A1
NCBI Official Symbol	SLCO3A1
NCBI Official Synonym Symbols	OATPD; OATP-D; OATP3A1; SLC21A11
NCBI Protein Information	solute carrier organic anion transporter family member 3A1; OATPRP3; OATP-RP3; PGE1 transporter; solute carrier family 21 member 11; organic anion-transporting polypeptide D; sodium-independent organic anion transporter D; organic anion transporter polypeptide-related protein 3; solute carrier family 21 (organic anion transporter), member 11
UniProt Protein Name	Solute carrier organic anion transporter family member 3A1
UniProt Gene Name	SLCO3A1
UniProt Synonym Gene Names	OATP3A1; OATPD; SLC21A11; OATP3A1; OATP-RP3; OATPRP3; OATP-D
UniProt Entry Name	SO3A1_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://www.aaabiotech.com/rat-elisa-kits/prostaglandin-e1-pge1/13074>