

Mouse Prostaglandin D2 receptor ELISA Kit | Ptgdr elisa kit

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CATALOG #
AAA56147

REACTIVITY
Mouse

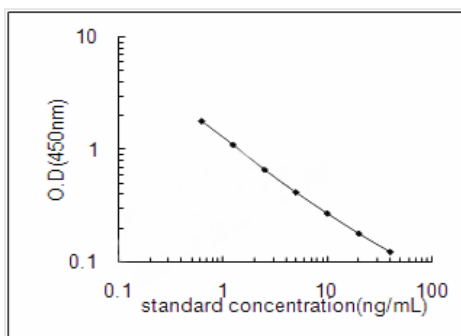
PRODUCT SYNONYMS

Prostaglandin D2 receptor; Mouse Prostaglandin D2 receptor ELISA Kit; Ptgdr elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural Mouse PGD receptor. No significant cross-reactivity or interference was observed.
Sequence Length	395
Assay Type	Competitive
Detection Range	0.625-40 ng/ml
Sensitivity	0.318 ng/mL
Intra-Assay CV	<=6.8%
Inter-Assay CV	<=8.6%
Recovery	86%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ptgdr elisa kit	Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to PGD receptor, During the reaction, PGD receptor in the sample or standard competes with a fixed amount of biotin-labeled PGD receptor for sites on a pre-coated Monoclonal antibody specific to PGD receptor. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of PGD receptor in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	225543126
NCBI GeneID	19214
NCBI Accession #	NP_032988.3
NCBI GenBank Nucleotide #	NM_008962.4
UniProt Accession #	P70263; Q8CCM3; A2RSY4
Molecular Weight	40,005 Da
NCBI Official Full Name	prostaglandin D2 receptor
NCBI Official Synonym Full Names	prostaglandin D receptor
NCBI Official Symbol	Ptgdr
NCBI Official Synonym Symbols	DP; PGD
NCBI Protein Information	prostaglandin D2 receptor
UniProt Protein Name	Prostaglandin D2 receptor
UniProt Gene Name	Ptgdr
UniProt Synonym Gene Names	PGD receptor; PGD2 receptor
UniProt Entry Name	PD2R_MOUSE

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/ptgdr-mouse-elisa-kits/prostaglandin-d2-receptor/56147>