

Mouse Prostaglandin D2 (PGD2) ELISA Kit | PGD2 elisa kit

Mouse Prostaglandin D2, PGD2 ELISA Kit

CATALOG #
AAA15524

REACTIVITY
Mouse

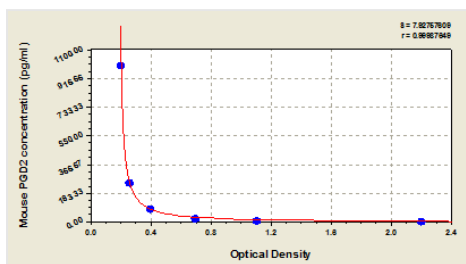
PRODUCT SYNONYMS

Prostaglandin D2 (PGD2); Mouse Prostaglandin D2; PGD2 ELISA Kit; Mouse Prostaglandin D2 (PGD2) ELISA Kit; PGD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse PGD2. No significant cross-reactivity or interference between mouse PGD2 and analogues was observed.
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 4 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGD2 elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antigen. Standards and samples are pipetted into the wells with a biotin-conjugated PGD2 antibody. A competitive inhibition reaction is launched between PGD2 (Standards or samples) and pre-coated PGD2 with the biotin-conjugated antibody. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in opposite to the amount of PGD2 in sample. The color development is stopped and the intensity of the color is measured.

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/mouse-elisa-kits/prostaglandin-d2-pgd2/15524>