

Rat Prostaglandin E receptor 2 (EP2) ELISA Kit | EP2 elisa kit

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CATALOG #
AAA120988

REACTIVITY
Rat

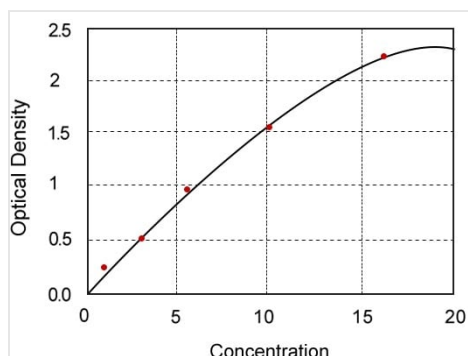
PRODUCT SYNONYMS

Prostaglandin E receptor 2 (EP2); Rat Prostaglandin E receptor 2 (EP2) ELISA Kit; EP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	378
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.115ng/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 EP2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Prostaglandin E Receptor 2 (also known as EP2) 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 EP2 antibody. EP2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat EP2 Antibody is added and binds to EP2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated EP2 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 EP2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	513044285
Molecular Weight	42,457 Da
NCBI Official Full Name	EP2
UniProt Protein Name	EP2
UniProt Gene Name	ep2

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-receptor-2-ep2/120988>