

Human EP2 ELISA Kit | EP2 elisa kit

Human EP2 (Prostaglandin E Receptor 2) ELISA Kit

CATALOG #
AAA165757

REACTIVITY
Human

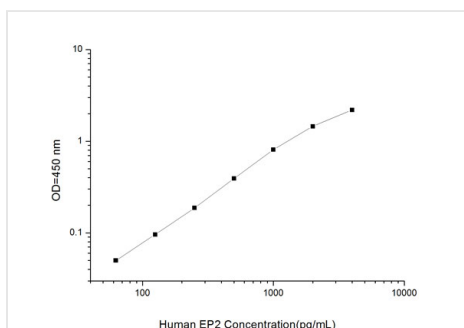
PRODUCT SYNONYMS

EP2; Human EP2 (Prostaglandin E Receptor 2) ELISA Kit; EP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human EP2. No significant cross-reactivity or interference between Human EP2 and analogues was observed.
Sequence Length	378
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Human EP2 concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EP2 elisa kit	Principle of the assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to EP2. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for EP2 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain EP2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of EP2. You can calculate the concentration of EP2 in the samples by comparing the OD of the samples to the standard curve.
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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
UniProt Entry Name	R9XNV0_9VIRU

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/human-elisa-kits/ep2/165757>