

Human Prostaglandin H2 (PGH2) ELISA Kit | PGH2 elisa kit

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CATALOG #
AAA331408

REACTIVITY
Human

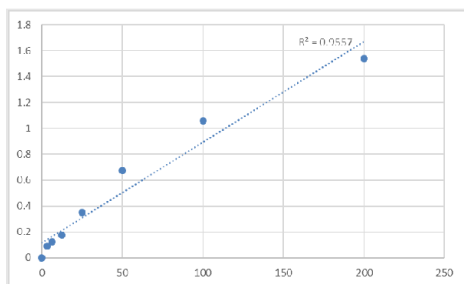
PRODUCT SYNONYMS

Prostaglandin H2 (PGH2); Human Prostaglandin H2 (PGH2) ELISA Kit; PGH2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Prostaglandin H2 (PGH2) ELISA Kit has high sensitivity and excellent specificity for detection of Human PGH2. No significant cross-reactivity or interference between Human PGH2 and analogues was observed.
Sequence Length	122
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Prostaglandin H2 (PGH2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PGH2 elisa kit	Description: This Human Prostaglandin H2 (PGH2) ELISA Kit employs a two-site sandwich ELISA to quantitate PGH2 in samples. An antibody specific for PGH2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PGH2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PGH2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PGH2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Prostaglandin H2 is a type of Prostaglandin which is derived from arachidonic acid and is a precursor for many other biologically. Prostaglandins are members of a group of lipid compounds that are derived enzymatically from essential fatty acids (EFAs) and have important functions in the animal body. Every prostaglandin contains 20 carbon atoms, including a 5-carbon ring. Prostaglandin name derives from the prostate gland. When prostaglandins were first isolated from seminal fluid in 1935 by the Swedish physiologist Ulf von Euler and independently by M.W. Goldblatt, it was believed to be part of the prostatic secretions. Later it was shown that many other tissues secrete prostaglandins for various functions. In 1971, it was determined that aspirin-like drugs could inhibit the synthesis of prostaglandins.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	958216434
NCBI Official Full Name	PGH2

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/prostaglandin-h2-pgh2/331408>