

## Prostaglandin H2 (PGH2) ELISA Kit-Competitive

**Cat. No.:** EK1F767

**Product Type:** Animal Immunoassay Kits

**Size:** 96T

### Product Overview

BioVenic General Prostaglandin H2 (PGH2) ELISA Kit-Competitive is designed for the quantitative determination of General Prostaglandin H2 (PGH2) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

### Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for General PGH2.
Target Species	General
Species Reactivity	General
Detection Range	3.13-200 pg/mL
Sensitivity	0.97 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 120 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

### Target Information

Prostaglandin H2 is a type of prostaglandin and a precursor for many other biologically significant molecules. It is synthesized from arachidonic acid in a reaction catalyzed by a cyclooxygenase enzyme. It is unstable at room temperature, and it is often converted into different prostaglandins through various enzymatic reactions. It plays a crucial role in regulating the constriction and dilation of blood vessels, stimulating platelet aggregation, and binding to the thromboxane receptor on platelets' cell membranes to trigger platelet migration and adhesion to other platelets.

Target/Biomarker	General PGH2
Target Synonym	PG-H2

## Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.