

ARG81563 Human PP5 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81563-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81563-002	Standard	2 X 10 ng/vial	4°C
ARG81563-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81563-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81563-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81563-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81563-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81563-008	25X Wash buffer	20 ml	4°C
ARG81563-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81563-010	STOP solution	10 ml (Ready to use)	4°C
ARG81563-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81563 Human PP5 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human PP5 in serum and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	PP5
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.9% Inter-Assay CV: 6.6%
Alternate Names	REF1; TFPI-2; Placental protein 5; PP5; Tissue factor pathway inhibitor 2

Application Instructions

Assay Time ~ 5 hours

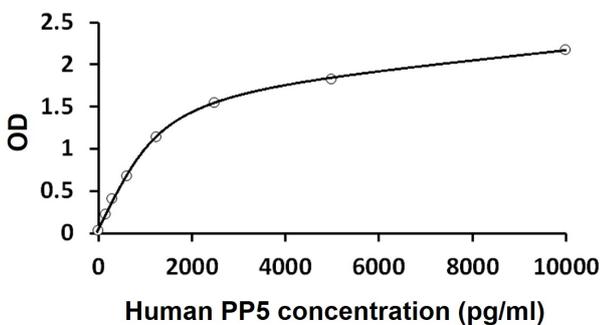
Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TFPI2
Gene Full Name	tissue factor pathway inhibitor 2
Background	This gene encodes a member of the Kunitz-type serine proteinase inhibitor family. The protein can inhibit a variety of serine proteases including factor VIIa/tissue factor, factor Xa, plasmin, trypsin, chymotrypsin and plasma kallikrein. This gene has been identified as a tumor suppressor gene in several types of cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]
Function	May play a role in the regulation of plasmin-mediated matrix remodeling. Inhibits trypsin, plasmin, factor VIIa/tissue factor and weakly factor Xa. Has no effect on thrombin. [UniProt]
Highlight	Related products: PP5 antibodies ; PP5 ELISA Kits ; PP5 Duos / Panels ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81563 Human PP5 ELISA Kit standard curve image

ARG81563 Human PP5 ELISA Kit results of a typical standard run with optical density reading at 450 nm.