

## ARG81038 Human Protein S ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	ARG81038 Human Protein S ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Protein S in plasma (citrate).
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	Protein S
Conjugation	HRP
Conjugation Note	TMB at 450 nm
Sensitivity	0.01
Sample Type	Plasma (citrate).
Standard Range	12.5 - 150 %
Sample Volume	100 µl
Alternate Names	PS25; PS24; PS21; PS23; PS22; PSA; PROS; THPH5; THPH6; Vitamin K-dependent protein S

### 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.

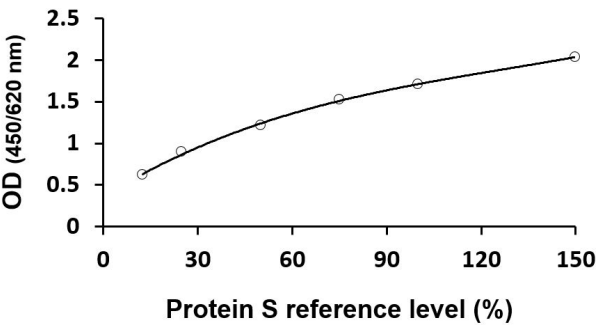
### Bioinformation

Database links	<a href="#">GeneID: 5627 Human</a> <a href="#">Swiss-port # P07225 Human</a>
Gene Symbol	PROS1
Gene Full Name	protein S (alpha)
Background	This gene encodes a vitamin K-dependent plasma protein that functions as a cofactor for the anticoagulant protease, activated protein C (APC) to inhibit blood coagulation. It is found in plasma in both a free, functionally active form and also in an inactive form complexed with C4b-binding protein. Mutations in this gene result in autosomal dominant hereditary thrombophilia. An inactive pseudogene of this locus is located at an adjacent region on chromosome 3. [provided by RefSeq, Feb 2009]
Function	Anticoagulant plasma protein; it is a cofactor to activated protein C in the degradation of coagulation factors Va and VIIIa. It helps to prevent coagulation and stimulating fibrinolysis. [UniProt]
Highlight	Related products: <a href="#">Protein S antibodies</a> ; <a href="#">Protein S ELISA Kits</a> ; <a href="#">Protein S Duos / Panels</a> ; <a href="#">Protein S recombinant proteins</a> ; New ELISA data calculation tool:

Research Area	Cell Biology and Cellular Response kit
PTM	The iron and 2-oxoglutarate dependent 3-hydroxylation of aspartate and asparagine is (R) stereospecific within EGF domains.

Images

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ARG81038 Human Protein S ELISA Kit standard curve image

ARG81038 Human Protein S ELISA Kit results of a typical standard run with optical density reading at 450 / 620 nm.