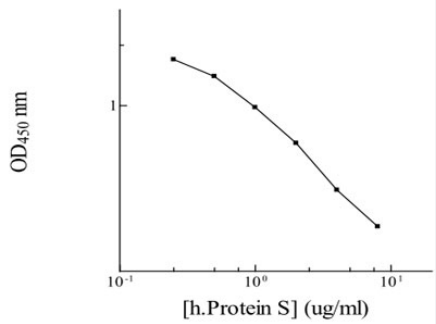
PROS1 (Human) ELISA Kit

Catalog # KA3818 Size 1 Kit

Applications



The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	PROS1 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human PROS1.
Suitable Sample	Cell Culture Samples, Plasma, Serum
Sample Volume	25 uL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.25 to 8 ug/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

Applications

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- Quantification

Gene Info — PROS1

Entrez GeneID	5627
Gene Name	PROS1
Gene Alias	PROS, PS21, PS22, PS23, PS24, PS25, PSA
Gene Description	protein S (alpha)
Omim ID	176880
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a vitamin K-dependent plasma protein that functions as a cofactor for the anti coagulant 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 prote in. Mutations in this gene result in autosomal dominant hereditary thrombophilia. An inactive pseu dogene of this locus is located at an adjacent region on chromosome 3. [provided by RefSeq
Other Designations	protein S, alpha|protein Sa

Pathway

- Complement and coagulation cascades

Disease

- Abortion
- Cardiovascular Diseases
- Carotid Stenosis
- Chorioamnionitis
- Coronary Disease
- Fetal Membranes

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- Genetic Predisposition to Disease
- Inflammation
- Obstetric Labor
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Protein S Deficiency
- Stroke
- Thrombophilia
- Thrombosis
- Venous Thrombosis

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