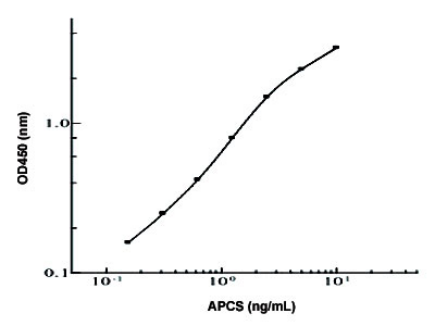
APCS (Human) ELISA Kit

Catalog # KA1841 Size 1 Kit

Applications



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

Specification

Product Description	APCS (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human APCS.
Suitable Sample	Cell Culture Sample, CSF, Plasma, Serum, Urine
Sample Volume	50 uL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.078 to 5.0 ng/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

- Quantification

Gene Info — APCS

Entrez GeneID	325
Gene Name	APCS
Gene Alias	MGC88159, PTX2, SAP
Gene Description	amyloid P component, serum
Omim ID	104770
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a glycoprotein, belonging to the pentraxin family of proteins, which has a characteristic pentameric organization. These family members have considerable se quence homology which is thought to be the result of gene duplication. The binding of the encode d protein to proteins in the pathological amyloid cross-beta fold suggests its possible role as a ch aperone. This protein is also thought to control the degradation of chromatin. It has been demonst rated that this protein binds to apoptotic cells at an early stage, which raises the possibility that it i s involved in dealing with apoptotic cells in vivo. [provided by RefSeq
Other Designations	9.5S alpha-1-glycoprotein|OTTHUMP00000024355|pentaxin-related|serum amyloid P component

Publication Reference

- Proteomic Identification of Biomarkers Associated with Eating Control and Bariatric Surgery Outcomes in Patients with Morbid Obesity.

  Rodríguez-Rivera C, Pérez-García C, Muñoz-Rodríguez JR, Vicente-Rodríguez M, Polo F, Ford RM, Segura E, León A, Salas E, Sáenz-Mateos L, González-Martín C, Herradón G, Beato-Fernández L, Martín-Fernández J, Alguacil LF.

  World Journal of Surgery 2019 Mar; 43(3):744.

  Application: ELISA, Human, Serum

Disease

- Amyloid Neuropathies

- Atherosclerosis
- Calcinosis
- Coronary Artery Disease
- Genetic Predisposition to Disease
- Lupus Erythematosus