

ARG81585 Human SFRP5 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81585-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81585-002	Standard	2 X 10 ng/vial	4°C
ARG81585-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81585-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81585-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81585-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81585-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81585-008	25X Wash buffer	20 ml	4°C
ARG81585-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81585-010	STOP solution	10 ml (Ready to use)	4°C
ARG81585-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81585 Human SFRP5 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human SFRP5 in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	SFRP5
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.6% Inter-Assay CV: 6.7%
Alternate Names	Secreted apoptosis-related protein 3; Secreted frizzled-related protein 5; SARP3; Frizzled-related protein 1b; SARP-3; FRP-1b; sFRP-5

Application Instructions

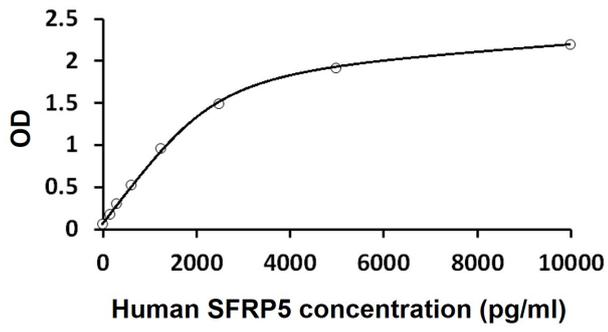
Assay Time	~ 5 hours
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Properties

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	SFRP5
Gene Full Name	secreted frizzled-related protein 5
Background	Secreted frizzled-related protein 5 (SFRP5) is a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. SFRPs act as soluble modulators of Wnt signaling. SFRP5 and SFRP1 may be involved in determining the polarity of photoreceptor cells in the retina. SFRP5 is highly expressed in the retinal pigment epithelium, and moderately expressed in the pancreas. [provided by RefSeq, Jul 2008]
Function	Soluble frizzled-related proteins (sFRPS) function as modulators of Wnt signaling through direct interaction with Wnts. They have a role in regulating cell growth and differentiation in specific cell types. SFRP5 may be involved in determining the polarity of photoreceptor, and perhaps, other cells in the retina. [UniProt]
Highlight	Related products: New ELISA data calculation tool: Simplify the ELISA analysis by GainData



ARG81585 Human SFRP5 ELISA Kit standard curve image

ARG81585 Human SFRP5 ELISA Kit results of a typical standard run with optical density reading at 450 nm.