

ARG82417 Human FCRL1 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82417-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82417-002	Standard	2 X 10 ng/vial	4°C
ARG82417-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82417-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82417-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82417-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82417-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82417-008	25X Wash buffer	20 ml	4°C
ARG82417-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82417-010	STOP solution	10 ml (Ready to use)	4°C
ARG82417-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82417 Human FCRL1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human FCRL1 in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	FCRL1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	20 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.3% Inter-Assay CV: 6.4%

Alternate Names	Fc receptor homolog 1; FcR-like protein 1; Fc receptor-like protein 1; IFGP family protein 1; CD antigen CD307a; Immune receptor translocation-associated protein 5; IRTA5; FCRH1; FcRL1; IFGP1; hIFGP1; CD307a; FcRH1
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Application Instructions

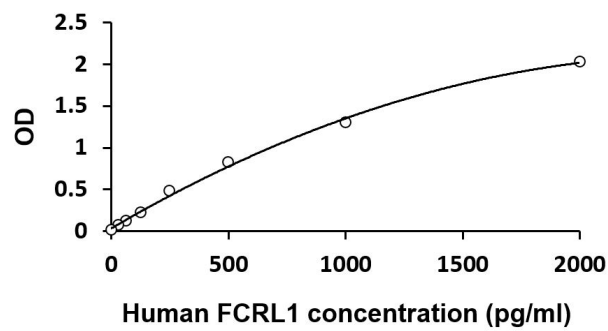
Assay Time	~ 5 hours
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Properties

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	FCRL1
Gene Full Name	Fc receptor-like 1
Background	This gene encodes a member of the immunoglobulin receptor superfamily and is one of several Fc receptor-like glycoproteins clustered on the long arm of chromosome 1. The encoded protein contains three extracellular C2-like immunoglobulin domains, a transmembrane domain and a cytoplasmic domain with two immunoreceptor-tyrosine activation motifs. This protein may play a role in the regulation of cancer cell growth. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]
Function	May function as an activating coreceptor in B-cells. May function in B-cells activation and differentiation. [UniProt]
Highlight	Related products: FCRL1 ELISA Kits: New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	Phosphorylated on tyrosines upon activation. [UniProt]
Cellular Localization	Cell membrane; Single-pass type I membrane protein. [UniProt]



ARG82417 Human FCRL1 ELISA Kit standard curve image

ARG82417 Human FCRL1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.