

ARG82421 Human CD307e / FcRL5 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

| Cat. No. | Component Name | Package | Temp |
|--------------|---------------------------------------|----------------------|---|
| ARG82421-001 | Antibody-coated microplate | 8 X 12 strips | 4°C. Unused strips should be sealed tightly in the air-tight pouch. |
| ARG82421-002 | Standard | 2 X 50 ng/vial | 4°C |
| ARG82421-003 | Standard/Sample diluent | 30 ml (Ready to use) | 4°C |
| ARG82421-004 | Antibody conjugate concentrate (100X) | 1 vial (100 µl) | 4°C |
| ARG82421-005 | Antibody diluent buffer | 12 ml (Ready to use) | 4°C |
| ARG82421-006 | HRP-Streptavidin concentrate (100X) | 1 vial (100 µl) | 4°C |
| ARG82421-007 | HRP-Streptavidin diluent buffer | 12 ml (Ready to use) | 4°C |
| ARG82421-008 | 25X Wash buffer | 20 ml | 4°C |
| ARG82421-009 | TMB substrate | 10 ml (Ready to use) | 4°C (Protect from light) |
| ARG82421-010 | STOP solution | 10 ml (Ready to use) | 4°C |
| ARG82421-011 | Plate sealer | 4 strips | Room temperature |

Summary

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| Product Description | ARG82421 Human CD307e / FcRL5 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD307e / FcRL5 in serum, plasma (EDTA, heparin) and cell culture supernatants. |
| Tested Reactivity | Hu |
| Tested Application | ELISA |
| Target Name | CD307e / FcRL5 |
| Conjugation | HRP |
| Conjugation Note | Substrate: TMB and read at 450 nm. |
| Sensitivity | 0.39 ng/ml |
| Sample Type | Serum, plasma (EDTA, heparin) and cell culture supernatants. |
| Standard Range | 0.78 - 50 ng/ml |
| Sample Volume | 100 µl |
| Precision | Intra-Assay CV: 5.4% Inter-Assay CV: 5.9% |

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| Alternate Names | Fc receptor homolog 5; FcR-like protein 5; FcRH5; PRO820; CD antigen CD307e; BXMAS1; Fc receptor-like protein 5; FCRH5; IRTA2; Immune receptor translocation-associated protein 2; CD307; CD307e; FcRL5 |
|-----------------|---|

Application Instructions

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| Assay Time | ~ 5 hours |
|------------|-----------|

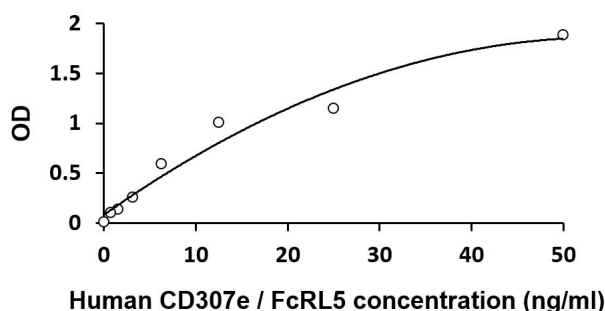
Properties

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|---------------------|--|
| 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

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|-----------------------|--|
| Gene Symbol | FCRL5 |
| Gene Full Name | Fc receptor-like 5 |
| Background | This gene encodes a member of the immunoglobulin receptor superfamily and the Fc-receptor like family. This gene and several other Fc receptor-like gene members are clustered on the long arm of chromosome 1. The encoded protein is a single-pass type I membrane protein and contains 8 immunoglobulin-like C2-type domains. This gene is implicated in B cell development and lymphomagenesis. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Sep 2010] |
| Function | May be involved in B-cell development and differentiation in peripheral lymphoid organs and may be useful markers of B-cell stages. May have an immunoregulatory role in marginal zone B-cells. [UniProt] |
| Highlight | Related products: CD307 antibodies ; CD307 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData |
| Cellular Localization | Cell membrane; Single-pass type I membrane protein. [UniProt] |

Images



ARG82421 Human CD307e / FcRL5 ELISA Kit standard curve image

ARG82421 Human CD307e / FcRL5 ELISA Kit results of a typical standard run with optical density reading at 450 nm.