

ARG82951 Human Eotaxin ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

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| Product Description | ARG82951 Human Eotaxin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Eotaxin in serum, plasma and cell culture supernatants. |
| Tested Reactivity | Hu |
| Tested Application | ELISA |
| Target Name | Eotaxin |
| Conjugation | HRP |
| Conjugation Note | Substrate: TMB and read at 450 nm. |
| Sensitivity | 2.35 pg/ml |
| Sample Type | Serum, plasma and cell culture supernatants. |
| Standard Range | 4.69 - 300 pg/ml |
| Sample Volume | 100 µl |
| Precision | Intra-Assay CV: less than 10% Inter-Assay CV: less than 10% |
| Alternate Names | SCYA11; C-C motif chemokine 11; Eosinophil chemotactic protein; Eotaxin; Small-inducible cytokine A11 |

Application Instructions

Assay Time ~ 3.5 hours

Properties

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| Form | 96 well |
| Storage instruction | Store the kit at 4°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 | CCL11 |
| Gene Full Name | chemokine (C-C motif) ligand 11 |
| Background | This antimicrobial gene is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CC subfamily, displays chemotactic activity for eosinophils, but not mononuclear cells or neutrophils. This eosinophil-specific chemokine is thought to be involved in eosinophilic inflammatory diseases such as atopic dermatitis, allergic rhinitis, asthma and parasitic infections. [provided by RefSeq, Sep 2014] |

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| Function | In response to the presence of allergens, this protein directly promotes the accumulation of eosinophils, a prominent feature of allergic inflammatory reactions. Binds to CCR3. [UniProt] |
| Highlight | Related products: Eotaxin antibodies ; Eotaxin ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData |
| PTM | O-linked glycan consists of a Gal-GalNAc disaccharide which is modified with up to 2 sialic acid residues. |

Images

ARG82951 Human Eotaxin ELISA Kit standard curve image

ARG82951 Human Eotaxin ELISA Kit results of a typical standard run with optical density reading at 450 nm.

