

ARG81590 Human Fetuin B ELISA Kit

Package: 96 wells
Store at: 4°C

Component

| Cat. No. | Component Name | Package | Temp |
|--------------|---------------------------------------|----------------------|---|
| ARG81590-001 | Antibody-coated microplate | 8 X 12 strips | 4°C. Unused strips should be sealed tightly in the air-tight pouch. |
| ARG81590-002 | Standard | 2 X 10 ng/vial | 4°C |
| ARG81590-003 | Standard/Sample diluent | 30 ml (Ready to use) | 4°C |
| ARG81590-004 | Antibody conjugate concentrate (100X) | 1 vial (100 µl) | 4°C |
| ARG81590-005 | Antibody diluent buffer | 12 ml (Ready to use) | 4°C |
| ARG81590-006 | HRP-Streptavidin concentrate (100X) | 1 vial (100 µl) | 4°C |
| ARG81590-007 | HRP-Streptavidin diluent buffer | 12 ml (Ready to use) | 4°C |
| ARG81590-008 | 25X Wash buffer | 20 ml | 4°C |
| ARG81590-009 | TMB substrate | 10 ml (Ready to use) | 4°C (Protect from light) |
| ARG81590-010 | STOP solution | 10 ml (Ready to use) | 4°C |
| ARG81590-011 | Plate sealer | 4 strips | Room temperature |

Summary

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|---------------------|---|
| Product Description | ARG81590 Human Fetuin B ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Fetuin B 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 | Fetuin B |
| 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 |

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| Precision | Intra-Assay CV: 5.7% Inter-Assay CV: 6.3% |
| Alternate Names | IRL685; Fetuin-like protein IRL685; Fetuin-B; Gugu; 16G2 |

Application Instructions

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

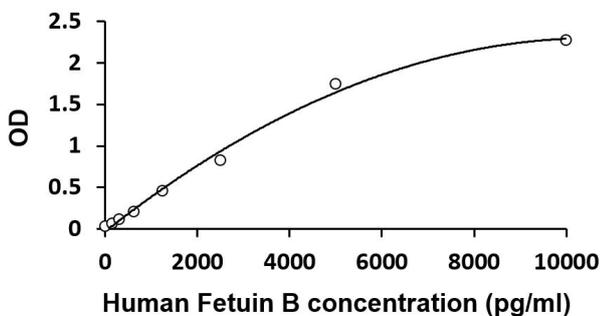
Properties

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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 | FETUB |
| Gene Full Name | fetuin B |
| Background | The protein encoded by this gene is a member of the fetuin family, part of the cystatin superfamily of cysteine protease inhibitors. Fetuins have been implicated in several diverse functions, including osteogenesis and bone resorption, regulation of the insulin and hepatocyte growth factor receptors, and response to systemic inflammation. This protein may be secreted by cells. [provided by RefSeq, Jul 2008] |
| Function | Protease inhibitor required for egg fertilization. Required to prevent premature zona pellucida hardening before fertilization, probably by inhibiting the protease activity of ASTL, a protease that mediates the cleavage of ZP2 and triggers zona pellucida hardening (By similarity). [UniProt] |
| Highlight | Related products: New ELISA data calculation tool: Simplify the ELISA analysis by GainData |

Images



ARG81590 Human Fetuin B ELISA Kit standard curve image

ARG81590 Human Fetuin B ELISA Kit results of a typical standard run with optical density reading at 450 nm.