

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

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

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

Application Instructions

Assay Time	~ 5 hours
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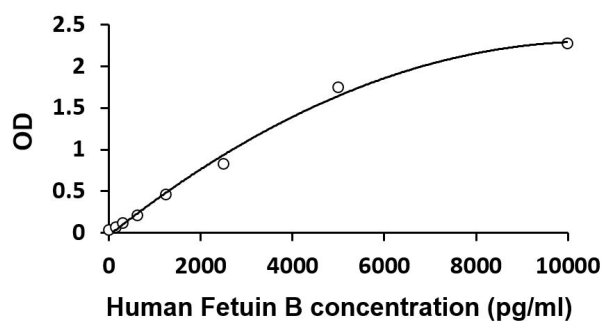
Properties

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	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.