

ARG81550 Human REG4 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81550-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81550-002	Standard	2 X 10 ng/vial	4°C
ARG81550-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81550-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81550-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81550-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81550-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81550-008	25X Wash buffer	20 ml	4°C
ARG81550-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81550-010	STOP solution	10 ml (Ready to use)	4°C
ARG81550-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81550 Human REG4 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human REG4 in serum, plasma (heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	REG4
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (heparin) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.8% Inter-Assay CV: 6.8%
Alternate Names	GISP; REG-like protein; Reg IV; RELP; Gastrointestinal secretory protein; Regenerating islet-derived protein 4; Regenerating islet-derived protein IV; REG-4; REG-IV

Application Instructions

Assay Time	~ 5 hours
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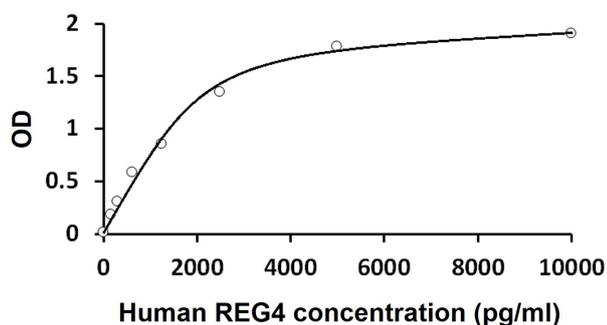
Properties

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	REG4
Gene Full Name	regenerating islet-derived family, member 4
Function	Calcium-independent lectin displaying mannose-binding specificity and able to maintain carbohydrate recognition activity in an acidic environment. May be involved in inflammatory and metaplastic responses of the gastrointestinal epithelium. [UniProt]
Highlight	Related products: REG4 antibodies ; REG4 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81550 Human REG4 ELISA Kit standard curve image

ARG81550 Human REG4 ELISA Kit results of a typical standard run with optical density reading at 450 nm.