

ARG81543 Human Granulysin ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81543-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81543-002	Standard	2 X 10 ng/vial	4°C
ARG81543-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81543-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81543-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81543-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81543-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81543-008	25X Wash buffer	20 ml	4°C
ARG81543-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81543-010	STOP solution	10 ml (Ready to use)	4°C
ARG81543-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81543 Human Granulysin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Granulysin 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	Granulysin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.3% Inter-Assay CV: 6.6%
Alternate Names	Lymphokine LAG-2; LAG-2; Granulysin; LAG2; Protein NKG5; T-cell activation protein 519; TLA519; D2S69E; NKG5

Application Instructions

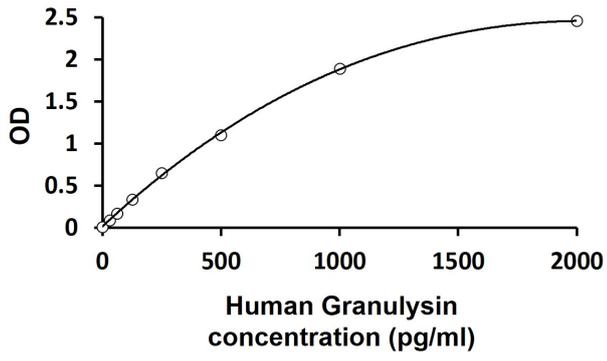
Assay Time	~ 5 hours
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Properties

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	GNLY
Gene Full Name	granulysin
Background	The product of this gene is a member of the saposin-like protein (SAPLIP) family and is located in the cytotoxic granules of T cells, which are released upon antigen stimulation. This protein is present in cytotoxic granules of cytotoxic T lymphocytes and natural killer cells, and it has antimicrobial activity against <i>M. tuberculosis</i> and other organisms. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
Function	Antimicrobial protein that kills intracellular pathogens. Active against a broad range of microbes, including Gram-positive and Gram-negative bacteria, fungi, and parasites. Kills <i>Mycobacterium tuberculosis</i> . [UniProt]
Highlight	Related products: New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	A 9 kDa form is produced by proteolytic processing of a 15 kDa protein. [UniProt]



ARG81543 Human Granulysin ELISA Kit standard curve image

ARG81543 Human Granulysin ELISA Kit results of a typical standard run with optical density reading at 450 nm.