

ARG82611 Human Granzyme K ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG82611 Human Granzyme K ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Granzyme K in serum, plasma and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	<p>This kit could assay both natural and recombinant Human Granzyme K.</p> <p>No significant cross-reactivity or interference was observed in the following samples: Human: GM-CSF, IL1 alpha, IL1 beta, IL2, IL4, IL5, IL6, IL7, IL8, IL9, IL10, IL12, IL17A, IL18, IL21, IL22, TNF alpha and TNF beta. Mouse: IFN gamma, IL1 beta, IL2, IL4, IL6, IL10, IL17A and TNF alpha. Rat: IFN gamma, IL1 beta, IL2, IL4, IL6, IL10, IL17A and TNF alpha.</p>
Target Name	Granzyme K
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	7.8 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	20 µl
Precision	Intra-Assay CV: 3.7% Inter-Assay CV: 6.4%
Alternate Names	in-3; Granzyme K; NK-Tryp-2; TRYP2; NK-tryptase-2; EC 3.4.21.-; Granzyme-3

Application Instructions

Assay Time	~ 3.5 hours
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Properties

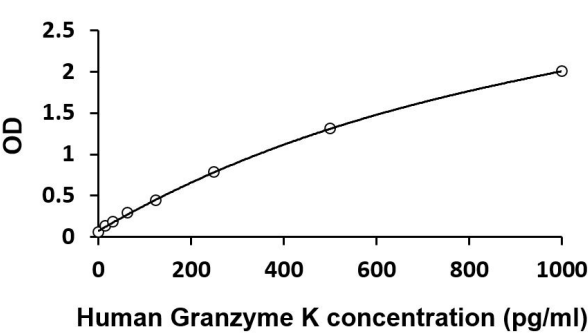
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	GZMK
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Gene Full Name	granzyme K (granzyme 3; tryptase II)
Background	This gene product is a member of a group of related serine proteases from the cytoplasmic granules of cytotoxic lymphocytes. Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein described here lacks consensus sequences for N-glycosylation present in other granzymes. [provided by RefSeq, Jul 2008]
Highlight	Related products: Granzyme antibodies ; Granzyme ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Secreted. Cytoplasmic granule. [UniProt]

Images



ARG82611 Human Granzyme K ELISA Kit standard curve image

ARG82611 Human Granzyme K ELISA Kit results of a typical standard run with optical density reading at 450 nm.