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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Human granulysin,GNLY ELISA Kit

Product Code	CSB-E09936h
Abbreviation	GNLY
Target Name	granulysin
Uniprot No.	P22749
Alias	519, D2S69E, LAG-2, LAG2, NKG5, TLA519, T-lymphocyte activation gene 519 lymphocyte-activation gene 2
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days
Research Area	Immunology
Gene Names	GNLY
Tag Info	quantitative
Protein Description	Sandwich

Description

The product CSB-E09936h is a sandwich ELISA kit developed to measure levels of human granulysin (GNLY) in the samples. This assay uses the sandwich enzyme immunoassay technique in combination with the enzyme-substrate chromogenic reaction to quantify the analyte in the sample. The color develops positively to the amount of GNLY in samples. The color intensity is measured at 450 nm via a microplate reader.

GNLY is a cytolytic and proinflammatory molecule expressed by activated human cytotoxic T lymphocytes (CTLs) and natural killer (NK) cells. NK cells release GNLY very early in immune responses, whereas CTLs release it after 3-5 days of activation. GNLY has cytolytic activity against microbes and tumors. Normal values of GNLY in the serum of healthy persons are 3.7 ± 3.2 ng/ml. An increase in GNLY expression and levels in tissue and serum has been found in infections, autoimmune diseases, transplant rejection, and graft versus host reaction in patients with hematopoietic stem cell transplantation. Abnormal serum levels of GNLY in lymphomas with NK and cytotoxic phenotype have been shown to correlate with tumor progression.

Target Details

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 M.



tuberculosis and other organisms. Alternatively spliced transcript variants encoding different isoforms have been identified.

Product Precision

Linearity

Recovery

Typical