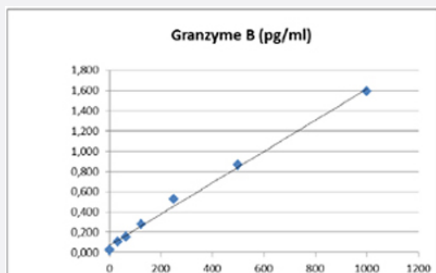


GZMB (Human) ELISA Kit

Catalog # KA3866

Size 1 Kit

Applications



The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	GZMB (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of Human GZMB.
Suitable Sample	Biological Fluids, Cell Culture Supernatant, Plasma, Serum
Sample Volume	100 μ L
Label	Biotin-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Intra-Assay	6.22%
Inter-Assay	6.18%
Calibration Range	31.25 pg/ml-1000 pg/ml
Limit of Detection	<20 pg/ml
Reactivity	Human
Regulation Status	For research use only (RUO)

Quality Control Testing

Standard Curve

The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Storage Instruction

Store the kit at 4°C.

Applications

- Quantification

Gene Info — GZMB

Entrez GeneID

[3002](#)

Gene Name

GZMB

Gene Alias

CCPI, CGL-1, CGL1, CSP-B, CSPB, CTLA1, CTSL1, HLP, SECT

Gene Description

granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1)

Omim ID

[123910](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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 encoded by this gene is crucial for the rapid induction of target cell apoptosis by CTL in cell-mediated immune response. [provided by RefSeq]

Other Designations

T-cell serine protease 1-3E|cathepsin G-like 1|cytotoxic serine protease B|fragmentin 2|granzyme B

Pathway

- [Allograft rejection](#)
- [Autoimmune thyroid disease](#)
- [Graft-versus-host disease](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Type I diabetes mellitus](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Autoimmune Diseases](#)
- [Behcet Syndrome](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Leukemia](#)
- [Lymphohistiocytosis](#)
- [Melanoma](#)
- [Neovascularization](#)
- [Respiratory Syncytial Virus Infections](#)
- [Vitiligo](#)