

GZMB (Human) Cell-Based ELISA Kit

Catalog # KA2899

Size 1 Kit

Specification

Product Description	GZMB (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of GZMB expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — GZMB

Entrez GeneID	3002
Protein Accession#	P10144
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](#)