

Human GSDMD (Gasdermin D) ELISA Kit | GSDMD elisa kit

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CATALOG #
AAA249733

REACTIVITY
Human

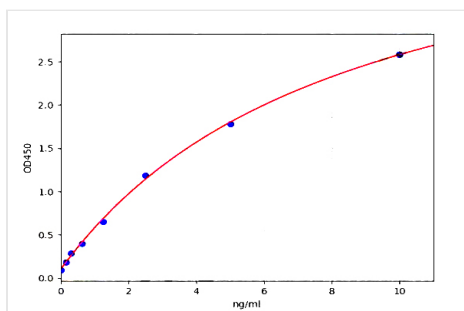
PRODUCT SYNONYMS

GSDMD (Gasdermin D); Human GSDMD (Gasdermin D) ELISA Kit; Gasdermin-D; Gasdermin domain-containing protein 1; N-terminal; GSDMD-NT; hGSDMD-NTD; C-terminal; GSDMD-CT; hGSDMD-CTD; GSDMD; DFNA5L; GSDMDC1; FKSG10; GSDMD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GSDMD. No significant cross-reactivity or interference between GSDMD and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GSDMD elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	83320070
NCBI GeneID	79792
NCBI Accession #	NP_079012.3
NCBI GenBank Nucleotide #	NM_024736.6
UniProt Accession #	P57764; Q96Q98; D3DWJ9
Molecular Weight	52,801 Da
NCBI Official Full Name	gasdermin-D
NCBI Official Synonym Full Names	gasdermin D
NCBI Official Symbol	GSDMD
NCBI Official Synonym Symbols	DF5L; DFNA5L; FKSG10; GSDMDC1
NCBI Protein Information	gasdermin-D; gasdermin domain containing 1; gasdermin domain-containing protein 1
UniProt Protein Name	Gasdermin-D
UniProt Gene Name	GSDMD
UniProt Synonym Gene Names	DFNA5L; GSDMDC1
UniProt Entry Name	GSDMD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/gsdmd-gasdermin-d/249733>