

Mouse Lysozyme ELISA Kit | LZM elisa kit

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CATALOG #
AAA100909

REACTIVITY
Mouse

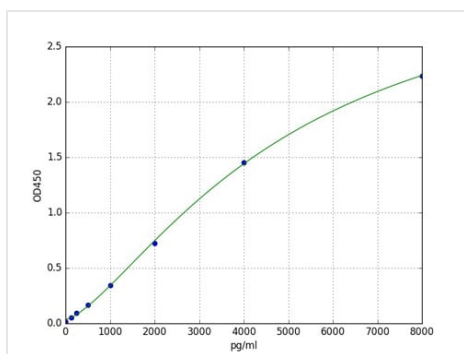
PRODUCT SYNONYMS

Lysozyme; Mouse Lysozyme ELISA Kit; LZM/lysozyme/lysozyme (renal amyloidosis)1; 4-beta-N-acetylmuramidase C/lysozyme C/LYZ/renal amyloidosis; LZM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	148
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000ng/ml
Sensitivity	18.75ng/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse LZM ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	125	250	500	1000	2000	4000	8000
Y	OD450	0.010	0.086	0.145	0.292	0.545	0.943	1.563	2.331

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LZM elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse LZM antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse LZM antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Mouse LZM amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse LZM can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	307142
NCBI GeneID	4069
Molecular Weight	16,537 Da
NCBI Official Full Name	lysozyme (EC 3.2.1.17)
NCBI Official Synonym Full Names	lysozyme
NCBI Official Symbol	LYZ
NCBI Official Synonym Symbols	LZM; LYZF1
NCBI Protein Information	lysozyme C
UniProt Protein Name	Lysozyme C
UniProt Gene Name	LYZ
UniProt Synonym Gene Names	LZM
UniProt Entry Name	LYSC_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/lzm-mouse-elisa-kits/lysozyme/100909>