

Human Lysozyme C ELISA Kit | LYZ elisa kit

Human Lysozyme C ELISA Kit

CATALOG #
AAA56820

REACTIVITY
Human

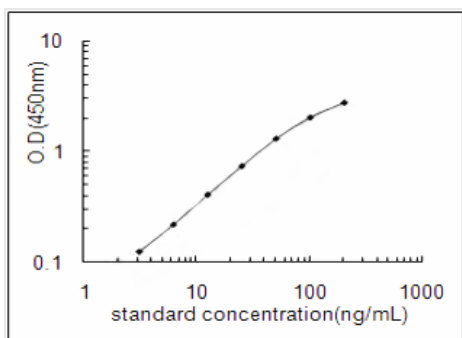
PRODUCT SYNONYMS

Lysozyme C; Human Lysozyme C ELISA Kit; 1; 4-beta-N-acetylmuramidase C; LYZ; LZM; 3.2.1.17; LYZ elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Lysozyme C. No significant cross-reactivity or interference was observed.
Sequence Length	148
Assay Type	Sandwich
Detection Range	3.12-200 ng/mL
Sensitivity	1.1ng/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=8.2%
Recovery	105%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LYZ elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Lysozyme C concentrations in serum, Plasma, Urine, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Lysozyme C. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Lysozyme C and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Lysozyme C, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Lysozyme C in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557894
NCBI GeneID	4069
NCBI Accession #	NP_000230.1
NCBI GenBank Nucleotide #	NM_000239.2
UniProt Accession #	P61626; P00695; Q13170; Q9UCF8
Molecular Weight	16,537 Da
NCBI Official Full Name	lysozyme C
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/lyz-human-elisa-kits/lysozyme-c/56820>