

Fish lysozyme ELISA Kit | LZM elisa kit

Fish lysozyme (renal amyloidosis) (LZM) ELISA Kit

CATALOG #
AAA55425

REACTIVITY
Fish

PRODUCT SYNONYMS

lysozyme; Fish lysozyme (renal amyloidosis) (LZM) ELISA Kit; LZM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Fish
Specificity	This assay has high sensitivity and excellent specificity for detection of Fish LZM. No significant cross-reactivity or interference between Fish LZM and analogues was observed.
Sequence Length	148
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	1.56 ug/mL - 100 ug/mL
Sensitivity	0.78 ug/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for LZM elisa kit

Intended Uses: For the quantitative detection of Fish Lysozyme (LZM) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs the competitive enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to LZM. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated LZM and incubated. The competitive inhibition reaction is launched between with HRP labeled LZM and unlabeled LZM with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of LZM in the sample. The color development is stopped and the intensity of the color is measured.

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
NCBI Protein Information	lysozyme C; c-type lysozyme; 1,4-beta-N-acetylmuramidase 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://www.aaabiotech.com/lzm-fish-elisa-kits/lysozyme/55425>