

Chicken Lysozyme C (LZM) ELISA Kit | LYZ elisa kit

Chicken Lysozyme C, LZM ELISA Kit

CATALOG #
AAA15198

REACTIVITY
Chicken

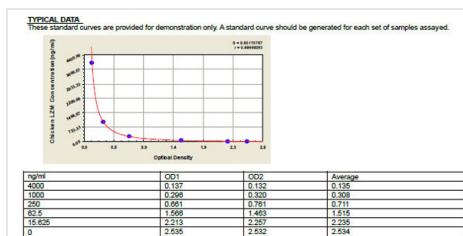
PRODUCT SYNONYMS

Lysozyme C (LZM); Chicken Lysozyme C; LZM ELISA Kit; Chicken Lysozyme C (LYZ) ELISA kit; LZM; lysozyme; 1; 4-beta-N-acetylmuramidase C; lysozyme C; Chicken Lysozyme C (LYZ); LYZ elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of chicken lysozyme. No significant cross-reactivity or interference between chicken lysozyme and analogues was observed.
Sequence Length	148
Samples	Serum, plasma and egg white
Assay Type	Quantitative Competitive
Detection Range	15.625 ng/ml-4000 ng/ml
Sensitivity	<14.876 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LYZ elisa kit

Principle of the Assay: This assay employs the direct competitive inhibition enzyme immunoassay technique. Antibody specific for lysozyme has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with biotin-conjugated lysozyme. A competitive inhibition reaction is launched between lysozyme (Standards or samples) and biotin-conjugated lysozyme with the pre-coated lysozyme antibody. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in opposite to the amount of lysozyme bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	307142
NCBI GeneID	4069
UniProt Accession #	P61626; P00695; Q13170; Q9UCF8
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://stage.aaabiotech.com/lyz-chicken-elisa-kits/lysozyme-c-lzm/15198>