

Bovine Lysozyme (LZM) ELISA Kit | LZM elisa kit

Bovine Lysozyme, LZM ELISA Kit

CATALOG #
AAA80821

REACTIVITY
Bovine

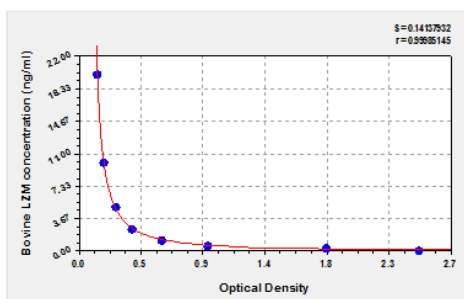
PRODUCT SYNONYMS

Lysozyme (LZM); Bovine Lysozyme; LZM ELISA Kit; Bovine Lysozyme (LZM) ELISA Kit; LZM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of horse LTF. No significant cross-reactivity or interference between horse LTF and analogues was observed.
Sequence Length	148
Samples	Serum, Plasma, Breast Milk
Assay Type	Competitive
Detection Range	6.25 ug/ml-400 ug/ml
Sensitivity	6.25 ug/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 LZM elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to LTF. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated LTF. The competitive inhibition reaction is launched between with HRP-conjugated LTF and LTF in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of LTF 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
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/bovine-ovine-elisa-kits/lysozyme-lzm/80821>