

Donkey Lysozyme C ELISA Kit | LYZ elisa kit

Donkey Lysozyme C (LYZ) ELISA Kit

CATALOG #
AAA55469

REACTIVITY
Donkey

PRODUCT SYNONYMS

Lysozyme C; Donkey Lysozyme C (LYZ) ELISA Kit; LYZ elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Donkey
Specificity	This assay has high sensitivity and excellent specificity for detection of Donkey (<i>Equus asinus</i>)LYZ. No significant cross-reactivity or interference between Donkey (<i>Equus asinus</i>)LYZ and analogues was observed.
Sequence Length	148
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
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. 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 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for LYZ elisa kit	This gene encodes human lysozyme, whose natural substrate is the bacterial cell wall peptidoglycan (cleaving the beta[1-7]glycosidic linkages between N-acetylmuramic acid and N-acetylglucosamine). Lysozyme is one of the anti-microbial agents found in human milk, and is also present in spleen, lung, kidney, white blood cells, plasma, saliva, and tears. Missense mutations in LYZ have been identified in heritable renal amyloidosis. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate LYZ in samples. An antibody specific for LYZ has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyLYZ present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LYZ is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LYZ bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126613
UniProt Accession #	P11375

Molecular Weight	14,688 Da
NCBI Official Full Name	Lysozyme C
UniProt Protein Name	Lysozyme C
UniProt Gene Name	LYZ

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/lyz-donkey-elisa-kits/lysozyme-c/55469>