

Goat alpha Lactalbumin ELISA Kit | aLg elisa kit

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CATALOG #
AAA247401

REACTIVITY
Goat

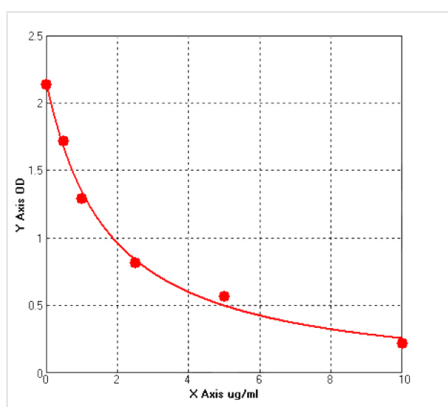
PRODUCT SYNONYMS

alpha Lactalbumin; Goat alpha Lactalbumin ELISA Kit; aLg elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Specificity	This assay has high sensitivity and excellent specificity for detection of LALBA. No significant cross-reactivity or interference between LALBA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between LALBA and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	142
Assay Type	Quantitative Competitive
Samples	Milk
Sensitivity	0.1 mg/mL
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for aLg elisa kit	Principle of the Assay: LALBA ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-LALBA antibody and an LALBA-HRP conjugate. The assay sample and buffer are incubated together with LALBA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the LALBA concentration since LALBA from samples and LALBA-HRP conjugate compete for the anti-LALBA antibody binding site. Since the number of sites is limited, as more sites are occupied by LALBA from the sample, fewer sites are left to bind LALBA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LALBA concentration in each sample is interpolated from this standard curve. Intended Uses: This LALBA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat LALBA. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for aLg elisa kit	Tags & Cell Markers; Cell Biology; Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504947
NCBI GeneID	3906
NCBI Accession #	NP_002280.1
NCBI GenBank Nucleotide #	NM_002289.2
UniProt Accession #	P00709; Q6FGX0; Q9UDK4
Molecular Weight	16,225 Da
NCBI Official Full Name	alpha-lactalbumin
NCBI Official Synonym Full Names	lactalbumin alpha
NCBI Official Symbol	LALBA
NCBI Official Synonym Symbols	LYZG
NCBI Protein Information	alpha-lactalbumin
UniProt Protein Name	Alpha-lactalbumin
UniProt Gene Name	LALBA
UniProt Synonym Gene Names	LYZL7

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/alg-goat-elisa-kits/alpha-lactalbumin/247401>