

Chicken alpha Lactalbumin ELISA Kit | alpha-La elisa kit

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CATALOG #
AAA89744

REACTIVITY
Chicken

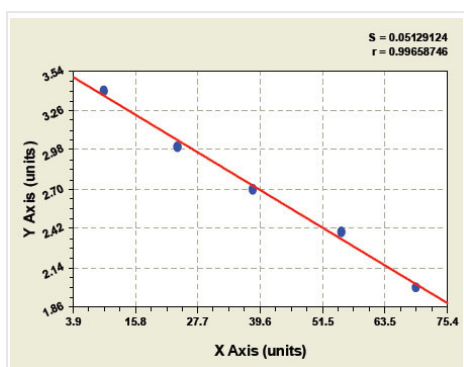
PRODUCT SYNONYMS

alpha Lactalbumin; Chicken alpha Lactalbumin ELISA Kit; Chicken a Lactalbumin ELISA Kit; alpha-La elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for alpha-La elisa kit

Intended Uses: This alpha-La ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken alpha-La. This ELISA kit for research use only!

Principle of the Assay: alpha-La ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-alpha-La antibody and an alpha-La-HRP conjugate. The assay sample and buffer are incubated together with alpha-La-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 alpha-La concentration since alpha-La from samples and alpha-La-HRP conjugate compete for the anti-alpha-La antibody binding site. Since the number of sites is limited, as more sites are occupied by alpha-La from the sample, fewer sites are left to bind alpha-La-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The alpha-La concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504947
NCBI GeneID	3906
NCBI Accession #	NP_002280.1
NCBI GenBank Nucleotide #	NM_002289.2
Molecular Weight	16,225 Da
NCBI Official Full Name	alpha-lactalbumin
NCBI Official Synonym Full Names	lactalbumin, alpha-
NCBI Official Symbol	LALBA
NCBI Protein Information	alpha-lactalbumin; lysozyme-like protein 7; lactose synthase B protein
UniProt Protein Name	Alpha-lactalbumin
UniProt Gene Name	LALBA
UniProt Synonym Gene Names	LYZL7
UniProt Entry Name	LALBA_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/alpha-la-chicken-elisa-kits/alpha-lactalbumin/89744>