

Rabbit alpha Lactalbumin ELISA Kit | alpha-La elisa kit

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CATALOG #
AAA92461

REACTIVITY
Rabbit

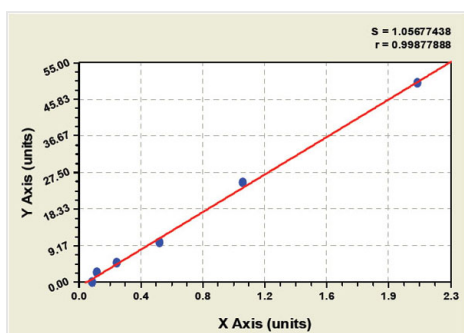
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



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 Rabbit alpha-La. This ELISA kit for research use only!

Principle of the Assay: alpha-La ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for alpha-La. Standards or samples are then added to the microtiter plate wells and alpha-La if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of alpha-La present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for alpha-La are added to each well to "sandwich" the alpha-La immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain alpha-La and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.

Product Categories/Family for alpha-La elisa kit

Cell Biology

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-rabbit-elisa-kits/alpha-lactalbumin/92461>