

Human aLA (Alpha-Lactalbumin) ELISA Kit | aLA elisa kit

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CATALOG #
AAA270343

REACTIVITY
Human

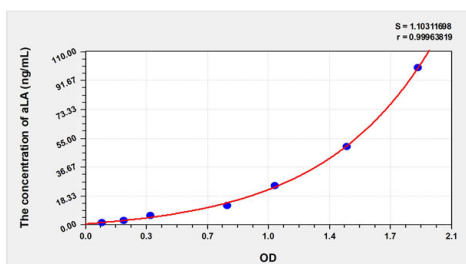
PRODUCT SYNONYMS

aLA (Alpha-Lactalbumin); Human aLA (Alpha-Lactalbumin) ELISA Kit; LALBA; LYZL7; Lactose Synthase B Protein; Lysozyme Like Protein 7; aLA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	breast milk and other biological fluids
Assay Type	Sandwich
Detection Range	1.57-100 ng/mL
Sensitivity	0.68 ng/mL
Intra-assay Precision	CV%<8%
Inter-assay Precision	CV%<10%
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for aLA elisa kit

Principle of the assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Alpha-Lactalbumin(aLA). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Alpha-Lactalbumin(aLA). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Alpha-Lactalbumin(aLA), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Alpha-Lactalbumin(aLA) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for aLA elisa kit

[Tumor immunity](#); [Infection immunity](#); [Endocrinology](#); [Reproductive science](#); [Hormone metabolism](#)

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/human-elisa-kits/ala-alpha-lactalbumin/270343>