

Human D-lactic Acid (D-LA) ELISA Kit | D-LA elisa kit

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CATALOG #
AAA44374

REACTIVITY
Human

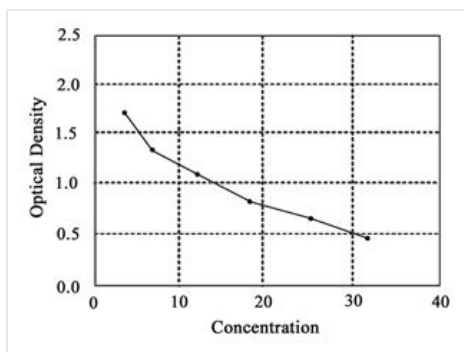
PRODUCT SYNONYMS

D-lactic Acid (D-LA); Human D-lactic Acid (D-LA) ELISA Kit; D-LA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Competitive
Sensitivity	10.03mIU/ml
Intra-Assay	CV< 10%
Inter-Assay	CV< 12%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for D-LA elisa kit

Intended Uses: This competitive kit is for the quantification of D-lactic Acid (also known as D-LA) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Assay Principle: This kit is a Enzyme-Linked Immunosorbent Assay (ELISA). D-LA standards or samples are added to the wells pre-coated with a monoclonal antibody. Then biotin-conjugated target antigen are added to the wells. The antigens in the standards or samples compete with the biotin-conjugated antigen to bind to the capture antibody and incubate. Unbound antigen is washed away during a washing step. An avidin-HRP is then added and then incubate. Unbound avidin-HRP is washed away during a washing step. TMB Substrate is then added and color develops. The reaction is stopped by addition of acidic stop solution and color changes into yellow that can be measured at 450 nm. The intensity of the color developed is inversely proportional to the concentration of D-LA in the sample. The concentration of D-LA in the sample is then determined by comparing the O.D. of the samples to the standard curve.

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/d-lactic-acid-d-la/44374>