

## Rabbit Lactate Dehydrogenase ELISA Kit | LDH elisa kit

Rabbit Lactate Dehydrogenase ELISA Kit

CATALOG #  
**AAA87855**

REACTIVITY  
**Rabbit**

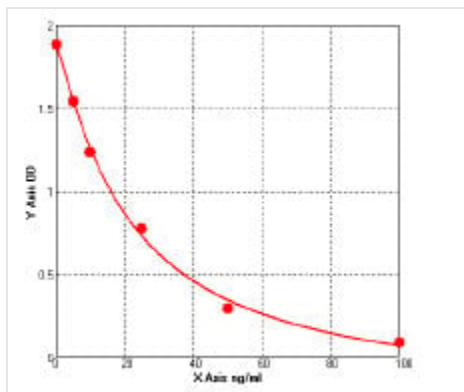
### PRODUCT SYNONYMS

Lactate Dehydrogenase; Rabbit Lactate Dehydrogenase ELISA Kit; LDH elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rabbit                                                                                                                                                                                                                                                                                                                                                                                |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of LDH. No significant cross-reactivity or interference between LDH and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between LDH and all the analogues, therefore, cross reaction may still exist in some cases. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                            |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                              |
| Sensitivity             | 1.0 ng/mL                                                                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for LDH elisa kit | <p>Intended Uses: This LDH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit LDH. This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>Principle of the Assay: LDH ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-LDH antibody and an LDH-HRP conjugate. The assay sample and buffer are incubated together with LDH-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 LDH concentration since LDH from samples and LDH-HRP conjugate compete for the anti-LDH antibody binding site. Since the number of sites is limited, as more sites are occupied by LDH from the sample, fewer sites are left to bind LDH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LDH concentration in each sample is interpolated from this standard curve.</p> |
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NCBI AND UNIPROT INFORMATION

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|----------------------------|---------------------------|
| NCBI GI #                  | 149650                    |
| Molecular Weight           | 34,192 Da                 |
| NCBI Official Full Name    | ldh, partial              |
| UniProt Protein Name       | L-lactate dehydrogenase 1 |
| UniProt Gene Name          | ldh1                      |
| UniProt Synonym Gene Names | ldh; lmo0210; L-LDH 1     |
| UniProt Entry Name         | LDH1_LISMO                |

**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/ldh-rabbit-elisa-kits/lactate-dehydrogenase/87855>