

## Monkey Aldehyde Dehydrogenase 2 ELISA Kit | ALDH2 elisa kit

Monkey Aldehyde Dehydrogenase 2 ELISA Kit

CATALOG #  
**AAA95487**

REACTIVITY  
**Monkey**

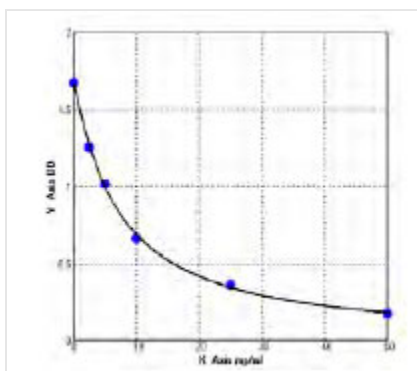
### PRODUCT SYNONYMS

Aldehyde Dehydrogenase 2; Monkey Aldehyde Dehydrogenase 2 ELISA Kit; ALDH2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                     |
| Samples                 | Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate |
| Assay Type              | Quantitative Competitive                                                   |
| Sensitivity             | 0.1 ng/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for ALDH2 elisa kit

**Intended Uses:** This ALDH1L1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ALDH1L1. This ELISA kit for research use only!

**Principle of the Assay:** ALDH1L1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ALDH1L1 antibody and an ALDH1L1-HRP conjugate. The assay sample and buffer are incubated together with ALDH1L1-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 ALDH1L1 concentration since ALDH1L1 from samples and ALDH1L1-HRP conjugate compete for the anti-ALDH1L1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ALDH1L1 from the sample, fewer sites are left to bind ALDH1L1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ALDH1L1 concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for ALDH2 elisa kit

[Neurobiology](#)

NCBI AND UNIPROT INFORMATION

|                         |                |
|-------------------------|----------------|
| NCBI GI #               | 193882444      |
| Molecular Weight        | 26,576 Da      |
| NCBI Official Full Name | ALDH2, partial |
| UniProt Protein Name    | ALDH2          |
| UniProt Gene Name       | <b>ALDH2</b>   |
| UniProt Entry Name      | B4YAH7_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/aldh2-monkey-elisa-kits/aldehyde-dehydrogenase-2/95487>