# Mouse Dehydroepiandrosterone-S7 ELISA Kit | DEHA-S7 elisa kit

Mouse Dehydroepiandrosterone-S7 ELISA Kit

| CATALOG # | REACTIVITY |
|---|---|
| **AAA82219** | **Mouse** |

## PRODUCT SYNONYMS

Dehydroepiandrosterone-S7; Mouse Dehydroepiandrosterone-S7 ELISA Kit; DEHA-S7 elisa kit

## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Reactivity** | Mouse |
| **Samples** | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| **Assay Type** | Competitive |
| **Detection Range** | 5.0-100ng/mL |
| **Sensitivity** | 1.0ng/mL |
| **Intended Uses** | This DHEA-S7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse DHEA-S7. This ELISA kit for research use only, not for therapeutic applications! |
| **Preparation and Storage** | Store all reagents at 2-8 degree C. |

## IMAGES



**Standard Curve (Sample)**

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Related Product Information for DEHA-S7 elisa kit** | **Principle of the assay:** DHEA-S7 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DHEA-S7 antibody and an DHEA-S7-HRP conjugate. The assay sample and buffer are incubated together with DHEA-S7-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 DHEA-S7 concentration since DHEA-S7 from samples and DHEA-S7-HRP conjugate compete for the anti-DHEA-S7 antibody binding site. Since the number of sites is limited, as more sites are occupied by DHEA-S7 from the sample, fewer sites are left to bind DHEA-S7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DHEA-S7 concentration in each sample is interpolated from this 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.

**AAA Biotech** | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/deha-s7-mouse-elisa-kits/dehydroepiandrosterone-s7/82219