

Mouse Androstenedione ELISA Kit | ASD elisa kit

Mouse Androstenedione ELISA Kit

CATALOG #
AAA16540

REACTIVITY
Mouse

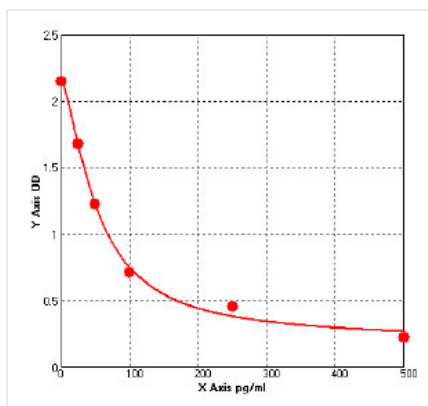
PRODUCT SYNONYMS

Androstenedione; Mouse Androstenedione ELISA Kit; ASD elisa kit

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	223692723
NCBI GeneID	7501938
Molecular Weight	40,046 Da
NCBI Official Full Name	Asd
NCBI Official Symbol	asd
NCBI Protein Information	aspartate-semialdehyde dehydrogenase Asd
UniProt Protein Name	Aspartate-semialdehyde dehydrogenase
UniProt Gene Name	asd
UniProt Synonym Gene Names	HRM2_29180; ASA dehydrogenase
UniProt Entry Name	C0QJY0_DESAH

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/asd-mouse-elisa-kits/androstenedione/16540>