

Mouse Androstenedione (ASD) ELISA Kit | ASD elisa kit

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CATALOG #
AAA54428

REACTIVITY
Mouse

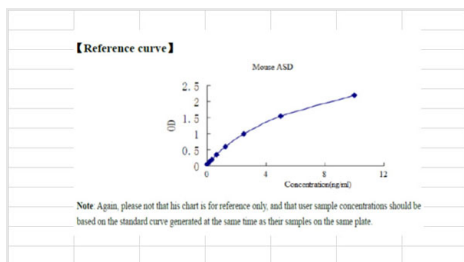
PRODUCT SYNONYMS

Androstenedione (ASD); Mouse Androstenedione (ASD) ELISA Kit; ASD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	No cross-reaction with other factors.
Sequence Length	323
Assay Type	Sandwich
Detection Range	10 ng/mL-0.156 ng/mL
Sensitivity	Up to 0.05 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
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: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Mouse ASD monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

20532374

NCBI GeneID	1646
Molecular Weight	15,748 Da
NCBI Official Full Name	Aldo-keto reductase family 1 member C2
NCBI Official Synonym Full Names	aldo-keto reductase family 1, member C2
NCBI Official Symbol	AKR1C2
NCBI Official Synonym Symbols	DD; DD2; TDD; BABP; DDH2; HBAB; HAKRD; MCDR2; SRXY8; AKR1C-pseudo
NCBI Protein Information	aldo-keto reductase family 1 member C2; DD-2; DD/BABP; 3-alpha-HSD3; pseudo-chlordecone reductase; type II dihydrodiol dehydrogenase; chlordecone reductase homolog HAKRD; testicular 17,20-desmolase deficiency; trans-1,2-dihydrobenzene-1,2-diol dehydrogenase; dihydrodiol dehydrogenase 2; bile acid binding protein; 3-alpha hydroxysteroid dehydrogenase, type III
UniProt Protein Name	Aldo-keto reductase family 1 member C2
UniProt Gene Name	AKR1C2
UniProt Synonym Gene Names	DDH2; DD-2; DD2; DD/BABP
UniProt Entry Name	AK1C2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/androstenedione-asd/54428>