

Human Aldo-keto reductase family 1 member C2 ELISA Kit | AKR1C2 elisa kit

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CATALOG #
AAA195230

REACTIVITY
Human

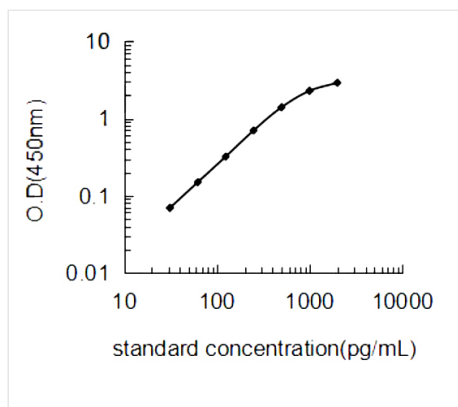
PRODUCT SYNONYMS

Aldo-keto reductase family 1 member C2; Human Aldo-keto reductase family 1 member C2 ELISA Kit; 3-alpha-HSD3; Chlordecone reductase homolog HAKRD; Dihydrodiol dehydrogenase 2; DD-2; DD2; Dihydrodiol dehydrogenase/bile acid-binding; AKR1C2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Aldo-keto reductase family 1 member C2
Sequence Length	139
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	31.2 pg/mL-2000 pg/mL
Sensitivity	< 15.7 pg/mL
Intra-assay Precision	<=6.6%
Inter-assay Precision	<=7.9%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AKR1C2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	207028673
NCBI GeneID	1646
NCBI Accession #	NP_001128713.1
NCBI GenBank Nucleotide #	NM_001135241.2
UniProt Accession #	P52895; Q14133; Q5SR16; Q7M4N1; Q96A71; A8K2N9; B4DKR9
Molecular Weight	15,748 Da
NCBI Official Full Name	aldo-keto reductase family 1 member C2 isoform 2
NCBI Official Synonym Full Names	aldo-keto reductase family 1, member C2
NCBI Official Symbol	AKR1C2
NCBI Official Synonym Symbols	DD; DD2; TDD; BABP; DD-2; DDH2; HBAB; HAKRD; MCDR2; SRXY8; DD/BABP; AKR1C-pseudo
NCBI Protein Information	aldo-keto reductase family 1 member C2
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.

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Online datasheet: <https://stage.aaabiotech.com/akr1c2-human-elisa-kits/aldo-keto-reductase-family-1-member-c2/195230>