Human Aldo-keto reductase family 1 member B10 (AKR1B10) ELISA Kit | AKR1B10 elisa kit

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CATALOG #	REACTIVITY
AAA43803	**Human**

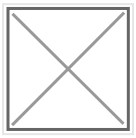
PRODUCT SYNONYMS

Aldo-keto reductase family 1 member B10 (AKR1B10); Human Aldo-keto reductase family 1 member B10 (AKR1B10) ELISA Kit; AKR1B10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	316
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 10ng/ml
Sensitivity	0.021ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AKR1B10 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Aldo-keto Reductase Family 1 Member B10 (also known as AKR1B10) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human AKR1B10 antibody. AKR1B10 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human AKR1B10 Antibody is added and binds to AKR1B10 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AKR1B10 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human AKR1B10. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	223468663

NCBI GeneID	57016
NCBI Accession #	NP_064695.3
NCBI GenBank Nucleotide #	NM_020299.4
UniProt Accession #	O60218; O75890; Q6FHF3; Q8IWZ1; A4D1P1
Molecular Weight	36,020 Da
NCBI Official Full Name	aldo-keto reductase family 1 member B10
NCBI Official Synonym Full Names	aldo-keto reductase family 1 member B10
NCBI Official Symbol	AKR1B10
NCBI Official Synonym Symbols	HIS; HSI; ARL1; ARL-1; ALDRLn; AKR1B11; AKR1B12
NCBI Protein Information	aldo-keto reductase family 1 member B10
UniProt Protein Name	Aldo-keto reductase family 1 member B10
UniProt Gene Name	**AKR1B10**
UniProt Synonym Gene Names	AKR1B11; ARP; hARP; SI reductase

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/human-elisa-kits/aldo-keto-reductase-family-1-member-b10-akr1b10/43803