

Human AKR1C3 ELISA Kit | AKR1C3 elisa kit

Human AKR1C3 PicoKine ELISA Kit

CATALOG #
AAA125206

REACTIVITY
Human

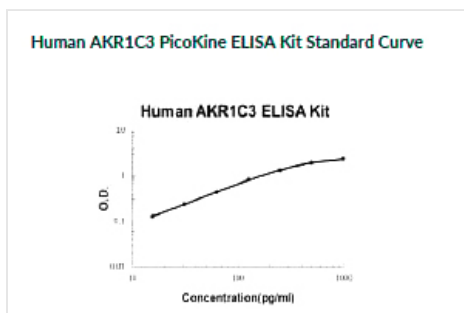
PRODUCT SYNONYMS

AKR1C3; Human AKR1C3 PicoKine ELISA Kit; Human AKR1C3; Aldo-keto reductase family 1 member C3 (EC:1.-.-.-); 17-beta-hydroxysteroid dehydrogenase type 5; 17-beta-HSD 5; 3-alpha-HSD type II; brain; 3-alpha-hydroxysteroid dehydrogenase type 2 (EC:1.1.1.357); 3-alpha-HSD type 2; Chlordecone reductase homolog HAKRb; Dihydrodiol dehydrogenase 3; DD-3; DD3; Dihydrodiol dehydrogenase type I; HA1753; Indanol dehydrogenase (EC:1.1.1.112); Prostaglandin F synthase (EC:1.1.1.188); PGFS; Testosterone 17-beta-dehydrogenase 5; Trans-1; 2-dihydrobenzene-1; 2-diol dehydrogenase (EC:1.3.1.20); DDH1; HSD17B5; KIAA0119; AKR1C3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human AKR1C3
Sequence Length	323
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<10pg/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.
Inter-assay Precision	Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AKR1C3 elisa kit	Principle of the Assay: The Picokine™ Human AKR1C3 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human AKR1C3 with a 96-well strip plate that is pre-coated with antibody specific for AKR1C3. The detection antibody is a biotinylated antibody specific for AKR1C3. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Human AKR1C3 with immunogen: Expression system for standard: E.coli, Immunogen sequence: M1-Y323. The kit is analytically validated with ready to use reagents. To measure Human AKR1C3, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbound ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Human AKR1C3 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human AKR1C3 in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	308153646
NCBI GeneID	8644
UniProt Accession #	P42330
NCBI Official Full Name	Aldo-keto reductase family 1 member C3
NCBI Official Synonym Full Names	aldo-keto reductase family 1 member C3
NCBI Official Symbol	AKR1C3
NCBI Official Synonym Symbols	DD3; DDX; PGFS; HAKRB; HAKRe; HA1753; HSD17B5; hluPGFS
NCBI Protein Information	aldo-keto reductase family 1 member C3
UniProt Protein Name	Aldo-keto reductase family 1 member C3
UniProt Gene Name	AKR1C3
UniProt Synonym Gene Names	DDH1; HSD17B5; KIAA0119; PGFS; 17-beta-HSD 5; 3-alpha-HSD type 2; DD-3; DD3; PGFS
UniProt Entry Name	AK1C3_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.