

Human steroid-5-alpha-reductase, alpha polypeptide 2 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 2) ELISA Kit | SRD5A2 elisa kit

Human 3-oxo-5-alpha-steroid 4-dehydrogenase 2, SRD5A2 ELISA Kit

CATALOG #
AAA112606

REACTIVITY
Human

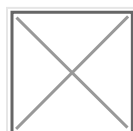
PRODUCT SYNONYMS

steroid-5-alpha-reductase; alpha polypeptide 2 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 2); Human 3-oxo-5-alpha-steroid 4-dehydrogenase 2; SRD5A2 ELISA Kit; Human 3-oxo-5-alpha-steroid 4-dehydrogenase 2 (SRD5A2) ELISA kit; MGC138457; 3-oxo-5 alpha-steroid 4-dehydrogenase 2; steroid 5-alpha-reductase 2; SRD5A2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SRD5A2. No significant cross-reactivity or interference between human SRD5A2 and analogues was observed.
Sequence Length	254
Samples	serum, plasma, tissue homogenates
Assay Type	Quantitative Competitive
Detection Range	12 pg/ml -2400 pg/ml
Sensitivity	<6 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SRD5A2 elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for SRD5A2 and Horseradish Peroxidase (HRP) conjugated SRD5A2. The competitive inhibition reaction is launched between with HRP labeled SRD5A2 and unlabeled SRD5A2 with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of SRD5A2 in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	39812447
NCBI GeneID	6716
NCBI Accession #	NP_000339.2
NCBI GenBank Nucleotide #	NM_000348.3
UniProt Accession #	P31213; Q2M1R4; Q9BYE6; B2RE87
Molecular Weight	28,393 Da
NCBI Official Full Name	3-oxo-5-alpha-steroid 4-dehydrogenase 2
NCBI Official Synonym Full Names	steroid-5-alpha-reductase, alpha polypeptide 2 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 2)
NCBI Official Symbol	SRD5A2
NCBI Protein Information	3-oxo-5-alpha-steroid 4-dehydrogenase 2; S5AR 2; SR type 2; 5 alpha-SR2; type II 5-alpha reductase; steroid 5-alpha-reductase 2
UniProt Protein Name	3-oxo-5-alpha-steroid 4-dehydrogenase 2
UniProt Gene Name	SRD5A2
UniProt Synonym Gene Names	S5AR 2
UniProt Entry Name	S5A2_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/srd5a2-human-elisa-kits/steroid-5-alpha-reductase-alpha-polypeptide-2-3-oxo-5-alpha-steroid-delta-4-dehydrogenase-alpha-2/112606>