

Rat 3-oxo-5-alpha-steroid 4-dehydrogenase 2 ELISA Kit | SRD5A2 elisa kit

Rat 3-oxo-5-alpha-steroid 4-dehydrogenase 2 (SRD5A2) ELISA Kit

CATALOG # AAA55781	REACTIVITY Rat
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PRODUCT SYNONYMS

3-oxo-5-alpha-steroid 4-dehydrogenase 2; Rat 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	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat SRD5A2. No significant cross-reactivity or interference between Rat SRD5A2 and analogues was observed.
Sequence Length	254
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for SRD5A2 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate SRD5A2 in samples. An antibody specific for SRD5A2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SRD5A2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SRD5A2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SRD5A2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12083683
NCBI GeneID	64677
NCBI Accession #	NP_073202.1
NCBI GenBank Nucleotide #	NM_022711.4
UniProt Accession #	P31214

Molecular Weight	28,772 Da
NCBI Official Full Name	3-oxo-5-alpha-steroid 4-dehydrogenase 2
NCBI Official Synonym Full Names	steroid 5 alpha-reductase 2
NCBI Official Symbol	Srd5a2
NCBI Official Synonym Symbols	S5AR 2
NCBI Protein Information	3-oxo-5-alpha-steroid 4-dehydrogenase 2
UniProt Protein Name	3-oxo-5-alpha-steroid 4-dehydrogenase 2
UniProt Gene Name	Srd5a2
UniProt Synonym Gene Names	S5AR 2

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://www.aaabiotech.com/srd5a2-rat-elisa-kits/3-oxo-5-alpha-steroid-4-dehydrogenase-2/55781>