

Human Steroid 5 Alpha Reductase 2 ELISA Kit | SRD5a2 elisa kit

Human Steroid 5 Alpha Reductase 2 ELISA Kit

CATALOG #
AAA27403

REACTIVITY
Human

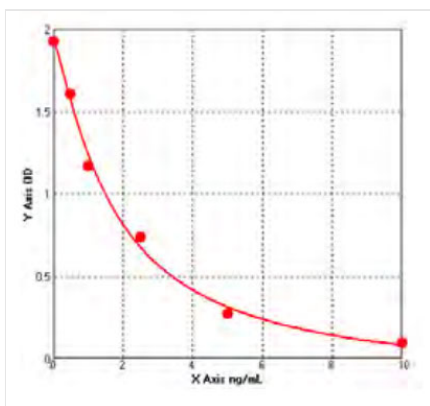
PRODUCT SYNONYMS

Steroid 5 Alpha Reductase 2; Human Steroid 5 Alpha Reductase 2 ELISA Kit; SRD5a2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SRD5alphaR2. No significant cross-reactivity or interference between SRD5alphaR2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SRD5alphaR2 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	254
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SRD5a2 elisa kit	Principle of the Assay: SRD5alphaR2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-SRD5alphaR2 antibody and an SRD5alphaR2-HRP conjugate. The assay sample and buffer are incubated together with SRD5alphaR2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SRD5alphaR2 concentration since SRD5alphaR2 from samples and SRD5alphaR2-HRP conjugate compete for the anti-SRD5alphaR2 antibody binding site. Since the number of sites is limited, as more sites are occupied by SRD5alphaR2 from the sample, fewer sites are left to bind SRD5alphaR2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SRD5alphaR2 concentration in each sample is interpolated from this standard curve. Intended Uses: This SRD5alphaR2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SRD5alphaR2. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	338469
NCBI GeneID	6716
Molecular Weight	28,393 Da
NCBI Official Full Name	steroid 5-alpha-reductase 2
NCBI Official Synonym Full Names	steroid 5 alpha-reductase 2
NCBI Official Symbol	SRD5A2
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.

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-2/27403>