

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

Chicken Steroid 5 Alpha Reductase 2 ELISA Kit

CATALOG #
AAA247562

REACTIVITY
Chicken

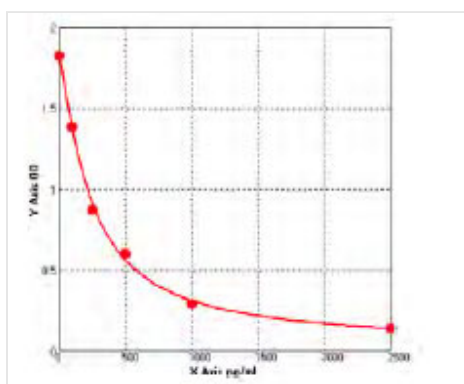
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of SRD5A2. No significant cross-reactivity or interference between SRD5A2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SRD5A2 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	254
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SRD5a2 elisa kit	Intended Uses: This SRD5A2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken SRD5A2. This ELISA kit for research use only! Principle of the Assay: SRD5A2 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-SRD5A2 antibody and an SRD5A2-HRP conjugate. The assay sample and buffer are incubated together with SRD5A2-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 SRD5A2 concentration since SRD5A2 from samples and SRD5A2-HRP conjugate compete for the anti-SRD5A2 antibody binding site. Since the number of sites is limited, as more sites are occupied by SRD5A2 from the sample, fewer sites are left to bind SRD5A2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SRD5A2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SRD5a2 elisa kit	Signal Transduction; Cell Biology; Metabolism

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-chicken-elisa-kits/steroid-5-alpha-reductase-2/247562>