

Monkey Steroid 5 Alpha Reductase ELISA Kit | LOC101508101 elisa kit

Monkey Steroid 5 Alpha Reductase ELISA Kit

CATALOG # AAA96465	REACTIVITY Monkey
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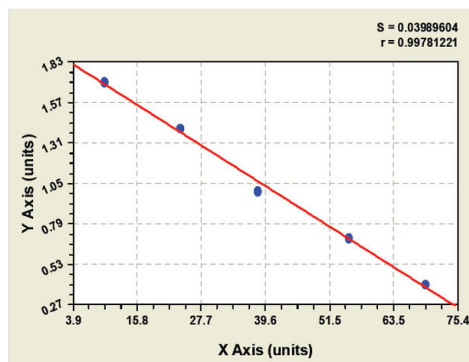
PRODUCT SYNONYMS

Steroid 5 Alpha Reductase; Monkey Steroid 5 Alpha Reductase ELISA Kit; LOC101508101 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This SRD5a ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey SRD5a. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LOC101508101 elisa kit	Principle of the Assay: SRD5a ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SRD5a antibody and an SRD5a-HRP conjugate. The assay sample and buffer are incubated together with SRD5a-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 SRD5a concentration since SRD5a from samples and SRD5a-HRP conjugate compete for the anti-SRD5a antibody binding site. Since the number of sites is limited, as more sites are occupied by SRD5a from the sample, fewer sites are left to bind SRD5a-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SRD5a concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25004880
NCBI GeneID	101508101
UniProt Accession #	Q8GTD7
Molecular Weight	35,989 Da
NCBI Official Full Name	steroid 5-alpha reductase
NCBI Official Symbol	LOC101508101
NCBI Official Synonym Symbols	sr5a
NCBI Protein Information	very-long-chain enoyl-CoA reductase-like; steroid 5-alpha reductase
UniProt Protein Name	Steroid 5-alpha reductase
UniProt Gene Name	sr5a
UniProt Entry Name	Q8GTD7_CICAR

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://stage.aaabiotech.com/monkey-elisa-kits/steroid-5-alpha-reductase/96465>