

Goat RDH11 (Retinol dehydrogenase 11) ELISA Kit | RDH11 elisa kit

Human RDH11 (Retinol dehydrogenase 11) ELISA Kit

CATALOG #
AAA249592

REACTIVITY
Goat

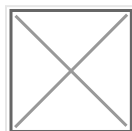
PRODUCT SYNONYMS

RDH11 (Retinol dehydrogenase 11); Human RDH11 (Retinol dehydrogenase 11) ELISA Kit; RDH11; Retinol dehydrogenase 11; Androgen-regulated short-chain dehydrogenase/reductase 1; HCV core-binding protein HCBP12; Prostate short-chain dehydrogenase/reductase 1; Retinal reductase 1; RalR1; ARSDR1; PSDR1; SDR7C1; CGI-82; Short chain dehydrogenase/reductase family 7C member 1; RDH11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Specificity	This assay has high sensitivity and excellent specificity for detection of RDH11. No significant cross-reactivity or interference between RDH11 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RDH11 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

166795268

NCBI GeneID	51109
NCBI Accession #	NP_057110.3
NCBI GenBank Nucleotide #	NM_016026.3
UniProt Accession #	Q8TC12; Q0QD40; Q6IAH5; Q9NRW0; Q9Y391; A6NDK3; A8K062; B2RB26; B4DDW0
Molecular Weight	27,402 Da
NCBI Official Full Name	retinol dehydrogenase 11 isoform 1
NCBI Official Synonym Full Names	retinol dehydrogenase 11 (all-trans/9-cis/11-cis)
NCBI Official Symbol	RDH11
NCBI Official Synonym Symbols	MDT1; CGI82; PSDR1; RALR1; SCALD; ARSDR1; HCBP12; RDJCSS; SDR7C1
NCBI Protein Information	retinol dehydrogenase 11; retinal reductase 1; HCV core-binding protein HCBP12; prostate short-chain dehydrogenase reductase 1; prostate short-chain dehydrogenase/reductase 1; short chain dehydrogenase/reductase family 7C, member 1; androgen-regulated sho
UniProt Protein Name	Retinol dehydrogenase 11
UniProt Gene Name	RDH11
UniProt Synonym Gene Names	ARSDR1; PSDR1; RaIR1
UniProt Entry Name	RDH11_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.

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Online datasheet: <https://stage.aaabiotech.com/goat-elisa-kits/rdh11-retinol-dehydrogenase-11/249592>