

Human 17-Beta-Hydroxysteroid Dehydrogenase Type 14 (HSD17b14) RTU ELISA Kit | HSD17b14 rtu elisa kit

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CATALOG #
AAA71226

REACTIVITY
Human

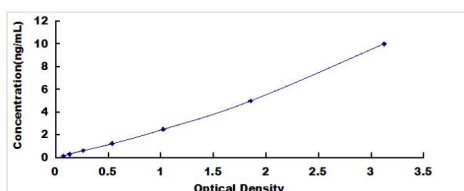
PRODUCT SYNONYMS

17-Beta-Hydroxysteroid Dehydrogenase Type 14 (HSD17b14); Human 17-Beta-Hydroxysteroid Dehydrogenase Type 14 (HSD17b14) ELISA Kit; DHRS10; RetSDR3; SDR47C1; Retinal Short-Chain Dehydrogenase/Reductase 3; Short Chain Dehydrogenase/Reductase Family 47C; Member 1; HSD17b14 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	270
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.048ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSD17b14 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HSD17b14. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HSD17b14. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HSD17b14, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of HSD17b14 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	59889578
NCBI GeneID	51171
NCBI Accession #	NP_057330.2
NCBI GenBank Nucleotide #	NM_016246.2
UniProt Accession #	Q9BPX1; Q9UKU3
Molecular Weight	28,317 Da
NCBI Official Full Name	17-beta-hydroxysteroid dehydrogenase 14
NCBI Official Synonym Full Names	hydroxysteroid 17-beta dehydrogenase 14
NCBI Official Symbol	HSD17B14
NCBI Official Synonym Symbols	DHRS10; SDR47C1; retSDR3
NCBI Protein Information	17-beta-hydroxysteroid dehydrogenase 14
UniProt Protein Name	17-beta-hydroxysteroid dehydrogenase 14
UniProt Gene Name	HSD17B14
UniProt Synonym Gene Names	DHRS10; SDR3; SDR47C1; 17-beta-HSD 14

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/human-rtu-elisa-kits/17-beta-hydroxysteroid-dehydrogenase-type-14-hsd17b14/71226>