

Rat Carboxylesterase 5A ELISA Kit | Ces5a elisa kit

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CATALOG #
AAA101738

REACTIVITY
Rat

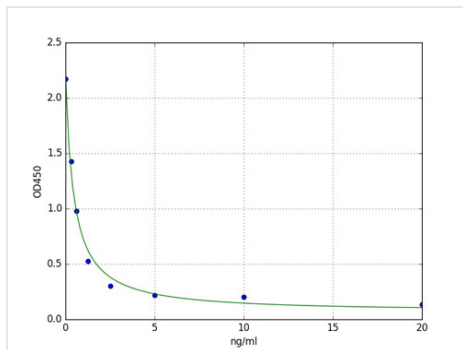
PRODUCT SYNONYMS

Carboxylesterase 5A; Rat Carboxylesterase 5A ELISA Kit; Ces5a/Carboxylesterase-like urinary excreted protein homolog (Cauxin)/Epididymis-specific gene 615 protein/; Ces5a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	575
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Rat Ces5a ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.312	0.625	1.25	2.5	5	10	20
Y	OD450	2.208	1.850	1.597	1.359	0.906	0.662	0.466	0.376

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ces5a elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat Ces5a. During the reaction,Rat Ces5a in the sample or standard competes with a fixed amount of biotin-labeled Rat Ces5a for sites on a pre-coated Monoclonal antibody specific to Rat Ces5a. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of Rat Ces5a in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	58865680
NCBI GeneID	307660
NCBI Accession #	NP_001012056.1
NCBI GenBank Nucleotide #	NM_001012056.1
Molecular Weight	64,417 Da
NCBI Official Full Name	carboxylesterase 5A
NCBI Official Synonym Full Names	carboxylesterase 5A
NCBI Official Symbol	Ces5a
NCBI Official Synonym Symbols	Ces5; Ces7
NCBI Protein Information	carboxylesterase 5A
UniProt Protein Name	Carboxylesterase 5A
UniProt Gene Name	Ces5a
UniProt Synonym Gene Names	Ces7; Cauxin
UniProt Entry Name	EST5A_RAT

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/ces5a-rat-elisa-kits/carboxylesterase-5a/101738>