

Human Carboxylesterase 5A ELISA Kit | CES5A elisa kit

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CATALOG #
AAA100878

REACTIVITY
Human

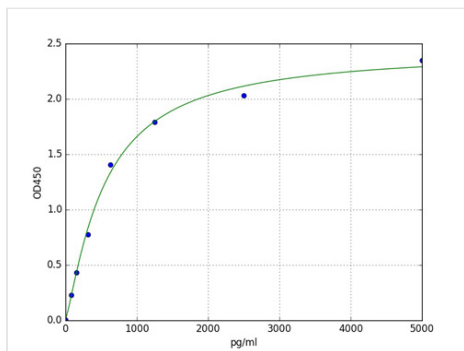
PRODUCT SYNONYMS

Carboxylesterase 5A; Human Carboxylesterase 5A ELISA Kit; CES5A/CES7/Cauxin/Carboxylesterase-like urinary excreted protein homolog; CES5A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	575
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
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



Typical Data & Standard Curve

Results of a typical standard run of a Human 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	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.034	0.423	0.765	0.872	1.438	1.941	2.109	2.088

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CES5A elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human CES5A antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CES5A antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human CES5A amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CES5A can be calculated.

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-human-elisa-kits/carboxylesterase-5a/100878>