

Human OVCA2 (Esterase OVCA2) ELISA Kit | OVCA2 elisa kit

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CATALOG #
AAA250637

REACTIVITY
Human

PRODUCT SYNONYMS

OVCA2 (Esterase OVCA2); Human OVCA2 (Esterase OVCA2) ELISA Kit; Esterase OVCA2; Ovarian cancer-associated gene 2 protein; OVCA2; OVCA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of OVCA2. No significant cross-reactivity or interference between OVCA2 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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

ADDITIONAL INFORMATION

Related Product Information for OVCA2 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 #	18201880
NCBI GeneID	124641
NCBI Accession #	NP_543012.1
NCBI GenBank Nucleotide #	NM_080822.2
UniProt Accession #	Q8WZ82 ; Q86XN3 ; Q8IW87 ; Q9UCX9
Molecular Weight	24,418 Da
NCBI Official Full Name	ovarian cancer-associated gene 2 protein
NCBI Official Synonym Full Names	ovarian tumor suppressor candidate 2

NCBI Official Symbol	OVCA2
NCBI Protein Information	ovarian cancer-associated gene 2 protein; candidate tumor suppressor in ovarian cancer 2; ovarian cancer gene-2 protein
UniProt Protein Name	Ovarian cancer-associated gene 2 protein
UniProt Gene Name	OVCA2
UniProt Entry Name	OVCA2_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://www.aaabiotech.com/human-elisa-kits/ovca2-esterase-ovca2/250637>