Human ENOX2 (Ecto-NOX disulfide-thiol exchanger 2) ELISA Kit | ENOX2 elisa kit

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CATALOG #	REACTIVITY
AAA250308	**Human**

PRODUCT SYNONYMS

ENOX2 (Ecto-NOX disulfide-thiol exchanger 2); Human ENOX2 (Ecto-NOX disulfide-thiol exchanger 2) ELISA Kit; Ecto-NOX disulfide-thiol exchanger 2; APK1 antigen; Cytosolic ovarian carcinoma antigen 1; Tumor-associated hydroquinone oxidase; Hydroquinone [NADH] oxidase; Protein disulfide-thiol oxidoreductase; tNOX; COVA1; ENOX2; ENOX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ENOX2. No significant cross-reactivity or interference between ENOX2 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 ENOX2 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 #	528524612
NCBI GeneID	10495
NCBI Accession #	NP_001268665.1
NCBI GenBank Nucleotide #	NM_001281736.1
UniProt Accession #	Q16206; Q5VTJ1; Q5VTJ2; Q8WUX0; Q9NTP6; Q9UH82; A8K197; A8K1C2
Molecular Weight	66,621 Da

NCBI Official Full Name	ecto-NOX disulfide-thiol exchanger 2 isoform a
NCBI Official Synonym Full Names	ecto-NOX disulfide-thiol exchanger 2
NCBI Official Symbol	ENOX2
NCBI Official Synonym Symbols	APK1; tNOX; COVA1
NCBI Protein Information	ecto-NOX disulfide-thiol exchanger 2
UniProt Protein Name	Ecto-NOX disulfide-thiol exchanger 2
UniProt Gene Name	**ENOX2**
UniProt Synonym Gene Names	COVA1; tNOX

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-elisa-kits/enox2-ecto-nox-disulfide-thiol-exchanger-2/250308