

Human Oviduct specific glycoprotein (OVGP1) ELISA Kit | OVGP1 elisa kit

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CATALOG #
AAA245933

REACTIVITY
Human

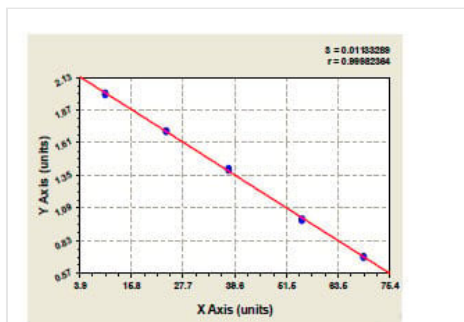
PRODUCT SYNONYMS

Oviduct specific glycoprotein (OVGP1); Human Oviduct specific glycoprotein (OVGP1) ELISA Kit; OVGP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for OVGP1 elisa kit

Intended Uses: This OVGP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human OVGP1. This ELISA kit for research use only!

Principle of the Assay: OVGP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-OVGP1 antibody and an OVGP1-HRP conjugate. The assay sample and buffer are incubated together with OVGP1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the OVGP1 concentration since OVGP1 from samples and OVGP1-HRP conjugate compete for the anti-OVGP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by OVGP1 from the sample, fewer sites are left to bind OVGP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OVGP1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	58386720
NCBI GeneID	5016
NCBI Accession #	NP_002548.3
NCBI GenBank Nucleotide #	NM_002557.3
Molecular Weight	75,421 Da
NCBI Official Full Name	oviduct-specific glycoprotein
NCBI Official Synonym Full Names	oviductal glycoprotein 1, 120kDa
NCBI Official Symbol	OVGP1
NCBI Official Synonym Symbols	EGP; OGP; MUC9; CHIT5
NCBI Protein Information	oviduct-specific glycoprotein; mucin 9; mucin-9; oviductin; oviduct glycoprotein; estrogen-dependent oviduct protein
UniProt Protein Name	Oviduct-specific glycoprotein
UniProt Gene Name	OVGP1
UniProt Synonym Gene Names	MUC9; OGP
UniProt Entry Name	OVGP1_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/oviduct-specific-glycoprotein-ovgp1/245933>