

Human WAP four-disulfide core domain 2 ELISA Kit | WFDC2 elisa kit

Human epididymal protein 4, HE4 ELISA Kit

CATALOG #
AAA80903

REACTIVITY
Human

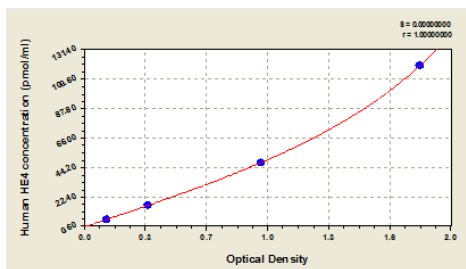
PRODUCT SYNONYMS

WAP four-disulfide core domain 2; Human epididymal protein 4; HE4 ELISA Kit; Human epididymal protein 4 (HE4) ELISA kit; EDDM4; HE4; MGC57529; WAP5; dJ461P17.6; WAP domain containing protein HE4-V4; epididymal protein 4; epididymal secretory protein E4; epididymis-specific; whey-acidic protein type; four-disulfide core; m; WFDC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human WFDC2. No significant cross-reactivity or interference between Human WFDC2 and analogues was observed.
Sequence Length	124
Samples	Serum, plasma, cell culture supernates, ascitic fluid, tissue homogenates, Cell lysates
Detection Range	6 pmol/ml-120 pmol/ml
Sensitivity	1.52 pmol/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WFDC2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with Avidin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody and Horseradish Peroxidase (HRP) -conjugated antibody preparation specific for HE4 and incubated. Then substrate solutions are 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 +/- 2 nm. The concentration of HE4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56699495
NCBI GeneID	10406
NCBI Accession #	NP_006094.3
NCBI GenBank Nucleotide #	NM_006103.3
UniProt Accession #	Q14508; Q6IB27; Q8WXV9; Q8WXW0; Q8WXW1; Q8WXW2; Q96KJ1; A2A2A5; A2A2A6; A6PVD5
Molecular Weight	12,993 Da
NCBI Official Full Name	WAP four-disulfide core domain protein 2
NCBI Official Synonym Full Names	WAP four-disulfide core domain 2
NCBI Official Symbol	WFDC2
NCBI Official Synonym Symbols	HE4; WAP5; EDDM4; dJ461P17.6
NCBI Protein Information	WAP four-disulfide core domain protein 2; epididymal protein 4; epididymal secretory protein E4; putative protease inhibitor WAP5; WAP domain containing protein HE4-V4; major epididymis-specific protein E4; epididymis-specific, whey-acidic protein type, four-disulfide core
UniProt Protein Name	WAP four-disulfide core domain protein 2
UniProt Gene Name	WFDC2
UniProt Synonym Gene Names	HE4; WAP5
UniProt Entry Name	WFDC2_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://stage.aaabiotech.com/wfdc2-human-elisa-kits/wap-four-disulfide-core-domain-2/80903>