

Human HE4/WFDC2/WAP5 ELISA Kit | HE4/WFDC2/WAP5 elisa kit

Human HE4/WFDC2/WAP5 ELISA Kit

CATALOG #
AAA258450

REACTIVITY
Human

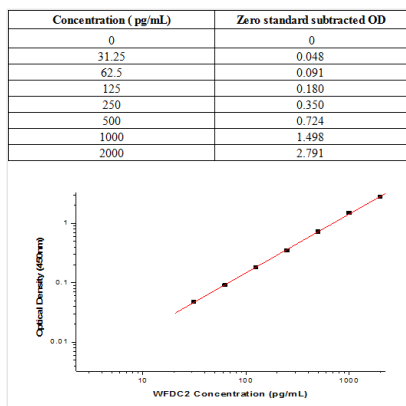
PRODUCT SYNONYMS

HE4/WFDC2/WAP5; Human HE4/WFDC2/WAP5 ELISA Kit; HE4 ELISA Kit; Human; WAP four-disulfide core domain 2; dJ461P17.6 ELISA Kit; EDDM4 ELISA Kit; WAP5 ELISA Kit; HE4/WFDC2/WAP5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	For the quantitative determination of Human HE4/WFDC2/WAP5 concentration in serum.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Serum
Detection Range	31.25-2000pg/mL
Sensitivity	6.57pg/mL
Conjugation	HRP
Materials Provided	1. 96 well microplate coated with Capture Antibody 2. Detection Antibody conjugated to HRP 3. Standards 4. Wash Buffer Concentrate 5. Dilution Buffer Concentrate 6. Color Reagent A 7. Color Reagent B 8. Stop Solution

IMAGES



Standard Curve (Sample)

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

ADDITIONAL INFORMATION

Related Product Information for HE4/WFDC2/WAP5 elisa kit	This HE4 ELISA Kit, Human is an enzyme-linked immunosorbent assay for the quantitative measurement of Human HE4 protein in Serum. It contains recombinant Human HE4, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use. Background: WAP four-disulfide core domain protein 2, also known as Epididymal secretory protein E4, Major epididymis-specific protein E4, Putative protease inhibitor WAP5, WFDC2 and HE4, is a secreted protein that contains two WAP domains. WFDC2/HE4 is a member of a family of stable 4-disulfide core proteins that are secreted at high levels. It is expressed in a number of normal tissues, including male reproductive system, regions of the respiratory tract and nasopharynx. It is highly expressed in a number of tumors cells lines, such ovarian, colon, breast, lung and renal cells lines. Initially described as being exclusively transcribed in the epididymis. WFDC2 may be a component of the innate immune defences of the lung, nasal and oral cavities and suggest that WFDC2 functions in concert with related WAP domain containing proteins in epithelial host defence. WFDC2 re-expression in lung carcinomas may prove to be associated with tumour type and should be studied in further detail. Mammary gland expression of tammar WFDC2 during the course of lactation showed WFDC2 was elevated during pregnancy, reduced in early lactation and absent in mid-late lactation. WFDC2/HE4 can undergo a complex series of alternative splicing events that can potentially yield five distinct WAP domain containing protein isoforms.
References	Bingle, L. et al., 2002, Oncogene. 21 (17):2768-73. Hellström, I. et al., 2003, Cancer Res. 63 (13):3695-700. Bingle, L. et al., 2006, Respir Res. 7 : 61. Galgano, M.T. et al., 2006, Mod Pathol.19 (6):847-53. Sharp, J.A. et al., 2007, Evol Dev. 9 (4): 378-92.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/he4-wfdc2-wap5/258450>