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Datasheet for ABIN6719802

FOLR1 ELISA Kit

Overview

Quantity:	1 kit
Target:	FOLR1
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	46.9 pg/mL - 3000 pg/mL
Minimum Detection Limit:	46.9 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Breast Milk, Cell Culture Supernatant, Plasma (EDTA - heparin), Saliva, Serum, Urine
Analytical Method:	Quantitative
Detection Method:	Colorimetric

Characteristics:	<p>Synonyms: Adult folate binding protein, Adult folate-binding protein, FBP, Folate Receptor 1 Adult, Folate receptor 1, Folate Receptor 1 Precursor, Folate receptor adult, Folate receptor alpha, Folate receptor, FOLR, FOLR1, FOLR1_HUMAN, FR alpha, FR-alpha, FRalpha, KB cells FBP, MOV18, Ovarian cancer associated antigen, Ovarian tumor associated antigen, Ovarian tumor associated antigen MOV18, Ovarian tumor-associated antigen MOV18</p> <p>Background: Folate receptor 1 adult is a protein that in humans is encoded by the FOLR1 gene. The protein encoded by this gene is a member of the folate receptor(FOLR) family. It is mapped to 11q13.4. FOLR1 expression in Jurkat cells facilitated MBG or EBO entry, and FR-blocking</p>
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Product Details

reagents inhibited infection of MBG or EBO. This gene product is a secreted protein that either anchors to membranes via a glycosyl-phosphatidylinositol linkage or exists in a soluble form. The FOLR1 gene encodes the adult folate receptor, or folate-binding protein(FBP), which has a high affinity for folic acid and for several reduced folic acid derivatives, and mediates delivery of 5-methyltetrahydrofolate to the interior of cells. FOLR1 is also an important regulator of milk protein synthesis.

Gene Name: FOLR1

Production: Natural and recombinant human FOLR1. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: R25-S234

Target Details

Target:	FOLR1
Alternative Name:	FOLR1 (FOLR1 Products)
Gene ID:	2348
NCBI Accession:	NP_000793
UniProt:	P15328
Pathways:	Dicarboxylic Acid Transport

Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 3000pg/mL, 1500pg/mL, 750pg/mL, 419pg/mL, 188pg/mL, 94pg/mL, 46.9pg/mL human FOLR1 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum, plasma(heparin, EDTA), saliva, urine or human milk to each empty well. We recommend that each human FOLR1 standard solution and each sample is measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 46.9pg/mL-3000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	RT, 4 °C, -20 °C
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Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
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