

Human Folate Receptor 1, Adult (FOLR1) CLIA Kit | FOLR1 clia kit

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CATALOG # AAA189107	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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PRODUCT SYNONYMS

Folate Receptor 1; Adult (FOLR1); Human Folate Receptor 1; Adult (FOLR1) CLIA Kit; Adult; FBP; FOLR; FR-alpha; MOv18; Adult folate-binding protein; KB cells FBP; Ovarian tumor-associated antigen MOv18; FOLR1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Folate Receptor 1, Adult (FOLR1). No significant cross-reactivity or interference between Folate Receptor 1, Adult (FOLR1) and analogues was observed.
Sequence Length	257
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma, tissue homogenates other biological fluids
Detection Range	1.37-1,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.53pg/mL
Applicable Applications for FOLR1 clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Folate Receptor 1, Adult (FOLR1) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Folate Receptor 1, Adult (FOLR1) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Folate Receptor 1, Adult (FOLR1). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Folate Receptor 1, Adult (FOLR1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Folate Receptor 1, Adult (FOLR1) level in the sample or standard.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758400
NCBI GeneID	2348
NCBI Accession #	NP_000793.1
NCBI GenBank Nucleotide #	NP_000793.1
UniProt Accession #	P15328
NCBI Official Full Name	folate receptor alpha
NCBI Official Synonym Full Names	folate receptor alpha
NCBI Official Symbol	FOLR1
NCBI Official Synonym Symbols	FBP; FOLR; FRalpha
NCBI Protein Information	folate receptor alpha
UniProt Protein Name	Folate receptor alpha
UniProt Gene Name	FOLR1
UniProt Synonym Gene Names	FOLR; FR-alpha; FBP
UniProt Entry Name	FOLR1_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.