

Human Exportin 5 (XPO5) ELISA Kit | XPO5 elisa kit

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CATALOG #
AAA64034

REACTIVITY
Human

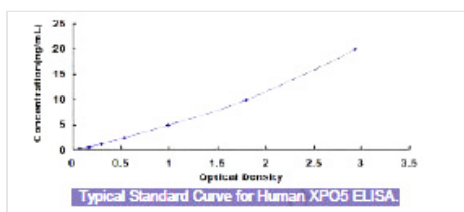
PRODUCT SYNONYMS

Exportin 5 (XPO5); Human Exportin 5 (XPO5) ELISA Kit; Fat/vessel-derived secretory protein; Favine; XPO5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of XPO5. No significant cross-reactivity or interference between XPO5 and analogues was observed.
Sequence Length	1204
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.115ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level XPO5 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level XPO5 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for XPO5 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of XPO5 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to XPO5. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to XPO5. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain XPO5, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of XPO5 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 #	22748937
NCBI GeneID	57510
NCBI Accession #	NP_065801.1
NCBI GenBank Nucleotide #	NM_020750.2
UniProt Accession #	Q9HAV4; Q5JTE6; Q96G48; Q96HN3; Q9BWM6; Q9BZV5; Q9H9M4; Q9NT89; Q9NW39; Q9ULC9
Molecular Weight	136,311 Da
NCBI Official Full Name	exportin-5
NCBI Official Synonym Full Names	exportin 5
NCBI Official Symbol	XPO5
NCBI Official Synonym Symbols	exp5
NCBI Protein Information	exportin-5
UniProt Protein Name	Exportin-5
UniProt Gene Name	XPO5
UniProt Synonym Gene Names	KIAA1291; RANBP21; Exp5

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.