

Human Exportin 1 (XPO1) ELISA Kit | XPO1 elisa kit

Human Exportin 1 (XPO1) ELISA Kit

CATALOG #
AAA66592

REACTIVITY
Human

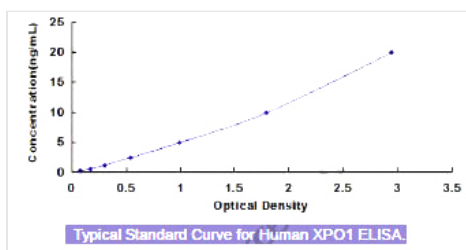
PRODUCT SYNONYMS

Exportin 1 (XPO1); Human Exportin 1 (XPO1) ELISA Kit; FCER2; CD23; CD23-A; CLEC4J; FCE2; IGEBF; XPO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of XPO1. No significant cross-reactivity or interference between XPO1 and analogues was observed.
Sequence Length	1071
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.123ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level XPO1 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 XPO1 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 XPO1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of XPO1 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 XPO1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to XPO1. 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 XPO1, 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 XPO1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507943
NCBI GeneID	7514
NCBI Accession #	NP_003391.1
NCBI GenBank Nucleotide #	NM_003400.3
UniProt Accession #	O14980; Q63HP8; Q68CP3; Q99433; A6NL14; A8K1K5; D6W5E2
Molecular Weight	123,386 Da
NCBI Official Full Name	exportin-1
NCBI Official Synonym Full Names	exportin 1
NCBI Official Symbol	XPO1
NCBI Official Synonym Symbols	emb; CRM1; exp1
NCBI Protein Information	exportin-1
UniProt Protein Name	Exportin-1
UniProt Gene Name	XPO1
UniProt Synonym Gene Names	CRM1; Exp1

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.