

Human Flightless I Homolog (FLII) ELISA Kit | FLII elisa kit

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CATALOG #
AAA66499

REACTIVITY
Human

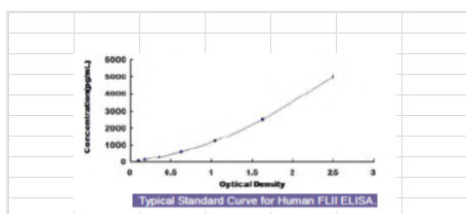
PRODUCT SYNONYMS

Flightless I Homolog (FLII); Human Flightless I Homolog (FLII) ELISA Kit; FLI; FLIL; FLI1; FLII elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FLII. No significant cross-reactivity or interference between FLII and analogues was observed.
Sequence Length	1258
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	29.2pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FLII 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 FLII 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 FLII elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FLII in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FLII. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FLII. 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 FLII, 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 FLII 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 #	372266127
NCBI GeneID	2314
NCBI Accession #	NP_001243193.1
NCBI GenBank Nucleotide #	NM_001256264.1
UniProt Accession #	Q13045; B4DIL0; F5H407; J3QLG3
Molecular Weight	143,652 Da
NCBI Official Full Name	protein flightless-1 homolog isoform 2
NCBI Official Synonym Full Names	FLII, actin remodeling protein
NCBI Official Symbol	FLII
NCBI Official Synonym Symbols	FLI; FLIL; Fli1
NCBI Protein Information	protein flightless-1 homolog
UniProt Protein Name	Protein flightless-1 homolog
UniProt Gene Name	FLII
UniProt Synonym Gene Names	FLIL

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.