

Human Heat Shock 40kDa Protein 2 (HSPF2) ELISA Kit | HSPF2 elisa kit

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CATALOG #
AAA67069

REACTIVITY
Human

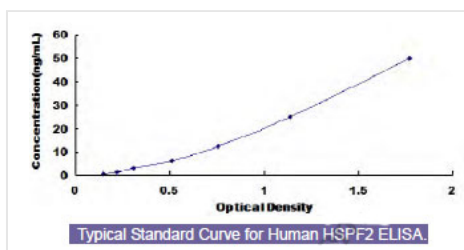
PRODUCT SYNONYMS

Heat Shock 40kDa Protein 2 (HSPF2); Human Heat Shock 40kDa Protein 2 (HSPF2) ELISA Kit; DNAJC4 MCG18 HSP-F2 DnaJ(Hsp40)Homolog; Subfamily C; Member 4 DnaJ-like protein HSPF2 Multiple endocrine neoplasia type 1 candidate protein number 18; HSPF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HSPF2. No significant cross-reactivity or interference between HSPF2 and analogues was observed.
Sequence Length	249
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	0.27ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HSPF2 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 HSPF2 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 HSPF2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HSPF2 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 HSPF2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HSPF2. 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 HSPF2, 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 HSPF2 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 #	808163406
NCBI GeneID	3338
NCBI Accession #	NP_001294909.1
NCBI GenBank Nucleotide #	NM_001307980.1
UniProt Accession #	Q9NNZ3; O14716
Molecular Weight	27,593 Da
NCBI Official Full Name	dnaJ homolog subfamily C member 4 isoform 1
NCBI Official Synonym Full Names	DnaJ heat shock protein family (Hsp40) member C4
NCBI Official Symbol	DNAJC4
NCBI Official Synonym Symbols	HSPF2; MCG18; DANJC4
NCBI Protein Information	dnaJ homolog subfamily C member 4
UniProt Protein Name	DnaJ homolog subfamily C member 4
UniProt Gene Name	DNAJC4
UniProt Synonym Gene Names	HSPF2; MCG18

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.