

Human Dedicator Of Cytokinesis 3 (DOCK3) ELISA Kit | DOCK3 elisa kit

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CATALOG #
AAA64327

REACTIVITY
Human

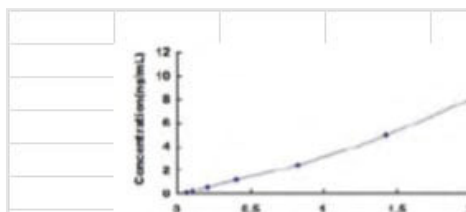
PRODUCT SYNONYMS

Dedicator Of Cytokinesis 3 (DOCK3); Human Dedicator Of Cytokinesis 3 (DOCK3) ELISA Kit; MOCA; PBP; Modifier of cell adhesion; Presenilin-binding protein; DOCK3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DOCK3. No significant cross-reactivity or interference between DOCK3 and analogues was observed.
Sequence Length	2030
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.053ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DOCK3 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 DOCK3 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 DOCK3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of DOCK3 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 DOCK3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DOCK3. 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 DOCK3, 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 DOCK3 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 #	31415870
NCBI GeneID	1795
NCBI Accession #	NP_004938.1
NCBI GenBank Nucleotide #	NM_004947.4
UniProt Accession #	Q8IZD9; O15017
Molecular Weight	233,103 Da
NCBI Official Full Name	dedicator of cytokinesis protein 3
NCBI Official Synonym Full Names	dedicator of cytokinesis 3
NCBI Official Symbol	DOCK3
NCBI Official Synonym Symbols	PBP; MOCA
NCBI Protein Information	dedicator of cytokinesis protein 3
UniProt Protein Name	Dedicator of cytokinesis protein 3
UniProt Gene Name	DOCK3
UniProt Synonym Gene Names	KIAA0299; MOCA; PBP

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.