

Human Dexamethasone Induced Protein (DEXI) ELISA Kit | DEXI elisa kit

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CATALOG #
AAA67536

REACTIVITY
Human

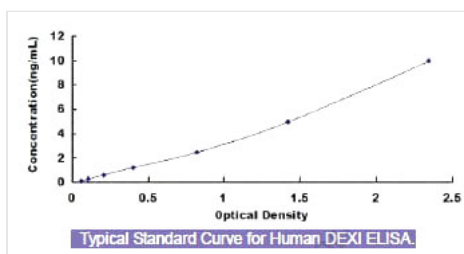
PRODUCT SYNONYMS

Dexamethasone Induced Protein (DEXI); Human Dexamethasone Induced Protein (DEXI) ELISA Kit; DEXI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DEXI. No significant cross-reactivity or interference between DEXI and analogues was observed.
Sequence Length	95
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.052ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DEXI 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 DEXI 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 DEXI elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of DEXI 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 DEXI. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DEXI. 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 DEXI, 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 DEXI 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 #	14719431
NCBI GeneID	28955
NCBI Accession #	NP_054734.2
NCBI GenBank Nucleotide #	NM_014015.3
UniProt Accession #	O95424; B2RAA7
Molecular Weight	10,429 Da
NCBI Official Full Name	dexamethasone-induced protein
NCBI Official Synonym Full Names	Dexi homolog
NCBI Official Symbol	DEXI
NCBI Official Synonym Symbols	MYLE
NCBI Protein Information	dexamethasone-induced protein
UniProt Protein Name	Dexamethasone-induced protein
UniProt Gene Name	DEXI
UniProt Synonym Gene Names	MYLE

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.