

Human Dexamethasone-induced protein ELISA Kit | DEXI elisa kit

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CATALOG #
AAA101229

REACTIVITY
Human

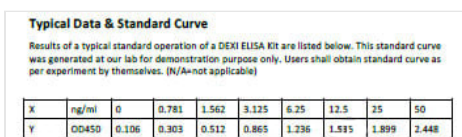
PRODUCT SYNONYMS

Dexamethasone-induced protein; Human Dexamethasone-induced protein ELISA Kit; DEXI/MYLE (Dexamethasone-induced protein)/Protein MYLE; 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
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/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<8%
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<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DEXI elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-DEXI antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- DEXI antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the DEXI amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of DEXI can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14719431
NCBI GeneID	28955
NCBI Accession #	NP_054734.2
NCBI GenBank Nucleotide #	NM_014015.3
Molecular Weight	10,429 Da
NCBI Official Full Name	dexamethasone-induced protein
NCBI Official Synonym Full Names	Dexi homolog (mouse)
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
UniProt Entry Name	DEXI_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/dexi-human-elisa-kits/dexamethasone-induced-protein/101229>