

Human THO Complex Subunit 4 (THOC4) ELISA Kit | ALYREF elisa kit

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CATALOG #
AAA219786

REACTIVITY
Human

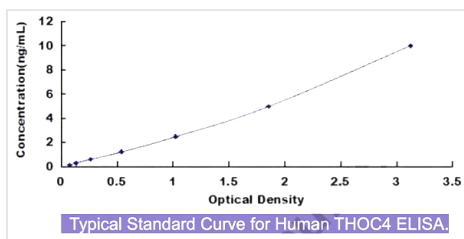
PRODUCT SYNONYMS

THO Complex Subunit 4 (THOC4); Human THO Complex Subunit 4 (THOC4) ELISA Kit; Ally of AML-1 and LEF-1; Aly/REF export factor; Transcriptional coactivator Aly/REF; bZIP-enhancing factor BEF; ALYREF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of THOC4. No significant cross-reactivity or interference between THOC4 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.058ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level THOC4 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 THOC4 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALYREF elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to THOC4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to THOC4. 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 THOC4, 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 $\pm$ 10nm. The concentration of THOC4 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of THOC4 in human serum, plasma, tissue homogenates or other biological fluids.
Product Categories/Family for ALYREF elisa kit	Traditional ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	238776833
NCBI GeneID	10189
NCBI Accession #	NP_005773.3
NCBI GenBank Nucleotide #	NM_005782.3
UniProt Accession #	Q86V81; O43672
Molecular Weight	26,888 Da
NCBI Official Full Name	THO complex subunit 4
NCBI Official Synonym Full Names	Aly/REF export factor
NCBI Official Symbol	ALYREF
NCBI Official Synonym Symbols	ALY; BEF; REF; THOC4; ALY/REF
NCBI Protein Information	THO complex subunit 4; tho4; THO complex 4; bZIP enhancing factor; ally of AML-1 and LEF-1; bZIP-enhancing factor BEF; transcriptional coactivator Aly/REF
UniProt Protein Name	THO complex subunit 4
UniProt Gene Name	ALYREF
UniProt Synonym Gene Names	ALY; BEF; THOC4; Tho4
UniProt Entry Name	THOC4_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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/tho-complex-subunit-4-thoc4/219786>