

Mouse T-Cell Acute Lymphocytic Leukemia Protein 1 (TAL1) ELISA Kit | TAL1 elisa kit

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CATALOG #
AAA332340

REACTIVITY
Mouse

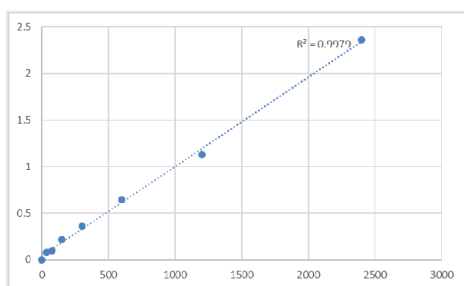
PRODUCT SYNONYMS

T-Cell Acute Lymphocytic Leukemia Protein 1 (TAL1); Mouse T-Cell Acute Lymphocytic Leukemia Protein 1 (TAL1) ELISA Kit; TAL1; SCL; TCL5; bHLHa17; tal-1; OTTHUMP00000009563; tal-1 product; TAL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse T-cell acute lymphocytic leukemia protein 1 (TAL1) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TAL1. No significant cross-reactivity or interference between Mouse TAL1 and analogues was observed.
Sequence Length	329
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse T-cell acute lymphocytic leukemia protein 1 (TAL1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TAL1 elisa kit	Description: This Mouse T-cell acute lymphocytic leukemia protein 1 (TAL1) ELISA Kit employs a two-site sandwich ELISA to quantitate TAL1 in samples. An antibody specific for TAL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TAL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TAL1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TAL1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TAL1 (TAL BHLH Transcription Factor 1, Erythroid Differentiation Factor) is a Protein Coding gene. Diseases associated with TAL1 include Leukemia, Acute Lymphoblastic and Precursor T-Cell Acute Lymphoblastic Leukemia. Among its related pathways are MAPK-Erk Pathway and NF-kappaB Signaling. GO annotations related to TAL1 include transcription factor activity, sequence-specific DNA binding and chromatin binding. An important paralog of TAL1 is LYL1. Implicated in the genesis of hemopoietic malignancies. It may play an important role in hemopoietic differentiation. Serves as a positive regulator of erythroid differentiation (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6755716
NCBI GeneID	21349
NCBI Accession #	NP_035657.1
NCBI GenBank Nucleotide #	NP_035657.1
UniProt Accession #	P22091
NCBI Official Full Name	T-cell acute lymphocytic leukemia protein 1 homolog
NCBI Official Synonym Full Names	T cell acute lymphocytic leukemia 1
NCBI Official Symbol	Tal1
NCBI Official Synonym Symbols	Hpt; Scl; tal-1; bHLHa17; SCL/tal-1
NCBI Protein Information	T-cell acute lymphocytic leukemia protein 1 homolog
UniProt Protein Name	T-cell acute lymphocytic leukemia protein 1 homolog
UniProt Gene Name	Tal1
UniProt Synonym Gene Names	Scl; Tal-1; TAL-1
UniProt Entry Name	TAL1_MOUSE

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://stage.aaabiotech.com/mouse-elisa-kits/t-cell-acute-lymphocytic-leukemia-protein-1-tal1/332340>