Human Dolichyl-Diphosphooligosaccharide--Protein Glycosyltransferase Subunit DAD1 (DAD1) ELISA Kit | DAD1 elisa kit

Human Dolichyl-Diphosphooligosaccharide--Protein Glycosyltransferase Subunit DAD1 (DAD1) ELISA Kit

CATALOG #	REACTIVITY
AAA331961	**Human**

PRODUCT SYNONYMS

Dolichyl-Diphosphooligosaccharide--Protein Glycosyltransferase Subunit DAD1 (DAD1); Human Dolichyl-Diphosphooligosaccharide--Protein Glycosyltransferase Subunit DAD1 (DAD1) ELISA Kit; DAD1; OST2; DAD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1 (DAD1) ELISA Kit has high sensitivity and excellent specificity for detection of Human DAD1. No significant cross-reactivity or interference between Human DAD1 and analogues was observed.
Sequence Length	113
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. Human Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1 (DAD1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for DAD1 elisa kit	Description: This Human Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1 (DAD1) ELISA Kit employs a two-site sandwich ELISA to quantitate DAD1 in samples. An antibody specific for DAD1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any DAD1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for DAD1 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 DAD1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: DAD1, the defender against apoptotic cell death, was initially identified as a negative regulator of programmed cell death in the temperature sensitive tsBN7 cell line. The DAD1 protein disappeared in temperature-sensitive cells following a shift to the nonpermissive temperature, suggesting that loss of the DAD1 protein triggered apoptosis. DAD1 is believed to be a tightly associated subunit of oligosaccharyltransferase both in the intact membrane and in the purified enzyme, thus reflecting the essential nature of N-linked glycosylation in eukaryotes.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14602573
NCBI GeneID	1603
UniProt Accession #	P61803
NCBI Official Full Name	Defender against cell death 1
NCBI Official Synonym Full Names	defender against cell death 1
NCBI Official Symbol	DAD1
NCBI Official Synonym Symbols	OST2
NCBI Protein Information	dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1
UniProt Protein Name	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1
UniProt Gene Name	**DAD1**
UniProt Synonym Gene Names	Oligosaccharyl transferase subunit DAD1; DAD-1
UniProt Entry Name	DAD1_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://stage.aaabiotech.com/human-elisa-kits/dolichyl-diphosphooligosaccharide-protein-glycosyltransferase-subunit-dad1-dad1/331961