

Human Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit ELISA Kit | DDOST elisa kit

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CATALOG #
AAA192546

REACTIVITY
Human

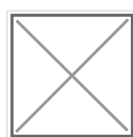
PRODUCT SYNONYMS

Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit; Human Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit ELISA Kit; DDOST 48 kDa subunit; Oligosaccharyl transferase 48 kDa subunit; DDOST; KIAA0115; OST48; OK/SW-cl.; DDOST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human DDOST 48 kDa subunit. No significant cross-reactivity or interference was observed.
Sequence Length	456
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.12ng/mL
Intra-Assay CV	<=4.6%
Inter-Assay CV	<=7.3%
Recovery	99%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DDOST elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit, DDOST 48 kDa subunit concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DDOST 48 kDa subunit. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for DDOST 48 kDa subunit and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain DDOST 48 kDa subunit, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of DDOST 48 kDa subunit 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 #	20070197
NCBI GeneID	1650
NCBI Accession #	NP_005207.2
NCBI GenBank Nucleotide #	NM_005216.4
UniProt Accession #	P39656; O43244; Q5VWA5; Q8NI93; Q9BUI2; B2RDQ4; B4DJE3; B4DLI2
Molecular Weight	49,020 Da
NCBI Official Full Name	dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit
NCBI Official Synonym Full Names	dolichyl-diphosphooligosaccharide--protein glycosyltransferase non-catalytic subunit
NCBI Official Symbol	DDOST
NCBI Official Synonym Symbols	OST; WBP1; AGER1; CDG1R; OST48; OKSWcl45
NCBI Protein Information	dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit
UniProt Protein Name	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit
UniProt Gene Name	DDOST
UniProt Synonym Gene Names	KIAA0115; OST48; DDOST 48 kDa subunit; Oligosaccharyl transferase 48 kDa subunit
UniProt Entry Name	OST48_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.