

Human Xylosyltransferase 1 ELISA Kit | XYLT1 elisa kit

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CATALOG #
AAA310085

REACTIVITY
Human

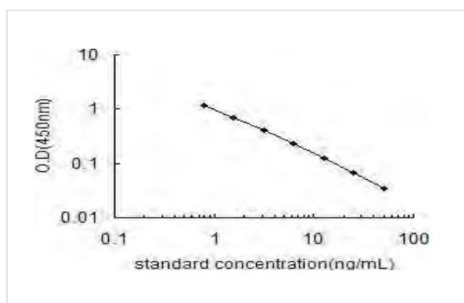
PRODUCT SYNONYMS

Xylosyltransferase 1; Human Xylosyltransferase 1 ELISA Kit; Peptide O-xylosyltransferase 1; Xylosyltransferase I; XT-I; XylT-I; XYLT1; XT1; 2.4.2.26; XYLT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural Human Xylosyl transferase 1. No significant cross-reactivity or interference was observed.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Detection Range	0.31-20.0 ng/mL
Assay Time	3-5h
Sample Volume	100T
Detection Wavelength	450 nm
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for XYLT1 elisa kit	Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Xylosyl transferase 1. During the reaction, Xylosyl transferase 1 in the sample or standard competes with a fixed amount of biotin-labeled Xylosyl transferase 1 for sites on a pre- coated Monoclonal antibody specific to Xylosyl transferase 1. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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 Xylosyl transferase 1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human xylosyl transferase 1,Xylosyltransferase 1 concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28269693
NCBI GeneID	64131
NCBI Accession #	NP_071449.1
NCBI GenBank Nucleotide #	NP_071449.1
UniProt Accession #	Q86Y38; Q9H1B6
Molecular Weight	107,569 Da
NCBI Official Full Name	xylosyltransferase 1
NCBI Official Synonym Full Names	xylosyltransferase 1
NCBI Official Symbol	XYLT1
NCBI Official Synonym Symbols	XT1; XTI; XT-I; DBQD2; XYLTI; PXYLT1; xyIT-I
NCBI Protein Information	xylosyltransferase 1
UniProt Protein Name	Xylosyltransferase 1
UniProt Gene Name	XYLT1
UniProt Synonym Gene Names	XT1; XT-I; XyIT-I

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/xylt1-human-elisa-kits/xylosyltransferase-1/310085>