

Human EXTL2 (Exostosin-like 2) ELISA Kit | EXTL2 elisa kit

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CATALOG #
AAA250820

REACTIVITY
Human

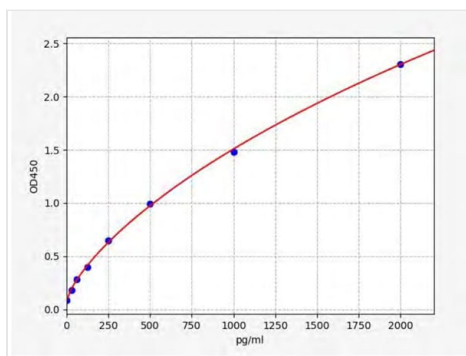
PRODUCT SYNONYMS

EXTL2 (Exostosin-like 2); Human EXTL2 (Exostosin-like 2) ELISA Kit; EXTR2; Exostosin-like 2; Alpha-1; 4-N-acetylhexosaminyltransferase EXTL2; Alpha-GalNAcT EXTL2; EXT-related protein 2; EXTL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize EXTL2, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EXTL2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti EXTL2 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti EXTL2 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with EXTL2 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of EXTL2 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74271840
NCBI GeneID	2135
NCBI Accession #	NP_001028197
NCBI GenBank Nucleotide #	NM_001033025
UniProt Accession #	Q9UBQ6; B2R795; D3DT60
Molecular Weight	37,466 Da
NCBI Official Full Name	exostosin-like 2 isoform 1
NCBI Official Synonym Full Names	exostosin-like glycosyltransferase 2
NCBI Official Symbol	EXTL2
NCBI Official Synonym Symbols	EXTR2
NCBI Protein Information	exostosin-like 2; EXT-related protein 2; alpha-1,4-N-acetylhexosaminyltransferase EXTL2; alpha-GalNAcT EXTL2; exostoses (multiple)-like 2; glucuronyl-galactosyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase; processed exostosin-like 2
UniProt Protein Name	Exostosin-like 2
UniProt Gene Name	EXTL2
UniProt Synonym Gene Names	EXTR2
UniProt Entry Name	EXTL2_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.