

Human EXT1 ELISA Kit | EXT1 elisa kit

Human EXT1 (Exostoses 1) ELISA Kit

CATALOG #
AAA165478

REACTIVITY
Human

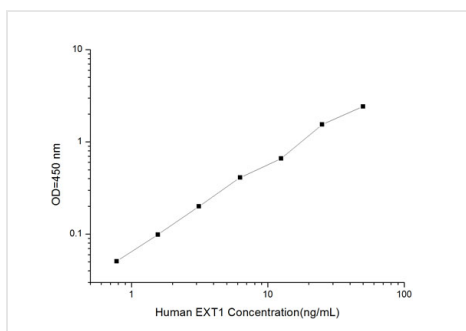
PRODUCT SYNONYMS

EXT1; Human EXT1 (Exostoses 1) ELISA Kit; EXT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human EXT1. No significant cross-reactivity or interference between Human EXT1 and analogues was observed.
Sequence Length	746
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Human EXT1 concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EXT1 elisa kit	Principle of the assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to EXT1. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for EXT1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain EXT1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of EXT1. You can calculate the concentration of EXT1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46370066
NCBI GeneID	2131
NCBI Accession #	NP_000118.2
NCBI GenBank Nucleotide #	NM_000127.2
UniProt Accession #	Q16394; Q9BVI9; B2R7V2
Molecular Weight	86,255 Da
NCBI Official Full Name	exostosin-1
NCBI Official Synonym Full Names	exostosin glycosyltransferase 1
NCBI Official Symbol	EXT1
NCBI Official Synonym Symbols	EXT; LGS; TTV; LGCR; TRPS2
NCBI Protein Information	exostosin-1; Glucuronosyl-N-acetylglucosaminyl-proteoglycan 4-alpha-N- acetylglucosaminyltransferase; Langer-Giedion syndrome chromosome region; N-acetylglucosaminyl-proteoglycan 4-beta-glucuronosyltransferase; exostoses (multiple) 1; exostosin 1; glucuronosyl-N-acetylglucosaminyl-proteoglycan/N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase; multiple exostoses protein 1; putative tumor suppressor protein EXT1
UniProt Protein Name	Exostosin-1
UniProt Gene Name	EXT1
UniProt Entry Name	EXT1_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.