

Mouse Prolargin (PRELP) ELISA Kit | PRELP elisa kit

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CATALOG #
AAA332401

REACTIVITY
Mouse

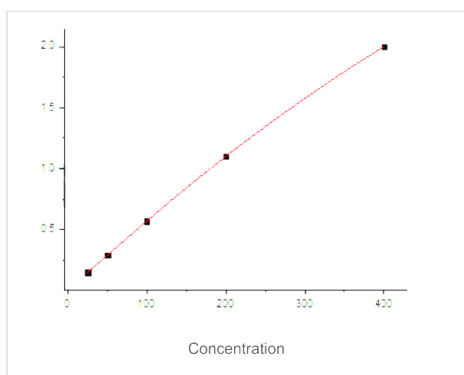
PRODUCT SYNONYMS

Prolargin (PRELP); Mouse Prolargin (PRELP) ELISA Kit; PRELP; MGC45323; MST161; MSTP161; SLRR2A; 55 kDa leucine-rich repeat protein of articular cartilage; prolargin proteoglycan; proline arginine-rich end leucine-rich repeat protein; PRELP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Prolargin (PRELP) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse PRELP. No significant cross-reactivity or interference between Mouse PRELP and analogues was observed.
Sequence Length	378
Assay Type	Sandwich
Samples	Mouse serum, cell culture supernates and other biological fluids
Detection Range	25 pg/ml - 400 pg/ml
Sensitivity	< 1pg/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRELP elisa kit	Background: PRELP / Prolargin is a leucine-rich repeat protein present in connective tissue extracellular matrix. This protein functions as a molecule anchoring basement membranes to the underlying connective tissue. This protein has been shown to bind type I collagen to basement membranes and type II collagen to cartilage. Principle of the Assay: Mouse Prolargin (PRELP) ELISA Kit employs a two-site sandwich ELISA to quantitate PRELP in samples. An antibody specific for PRELP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRELP present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Mouse PRELP detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of PRELP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	229608920
NCBI GeneID	116847
NCBI Accession #	NP_473418.3
NCBI GenBank Nucleotide #	NP_473418.3
UniProt Accession #	Q9JK53
NCBI Official Full Name	prolargin
NCBI Official Synonym Full Names	proline arginine-rich end leucine-rich repeat
NCBI Official Symbol	Prelp
NCBI Official Synonym Symbols	SLRR2A; 7330409J17Rik
NCBI Protein Information	prolargin
UniProt Protein Name	Prolargin
UniProt Gene Name	Prelp
UniProt Entry Name	PRELP_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/prolargin-prelp/332401>