

Human Proline-Rich Protein 1 (PROL1) ELISA Kit | PROL1 elisa kit

Human Proline-Rich Protein 1 (PROL1) ELISA Kit

CATALOG #
AAA331306

REACTIVITY
Human

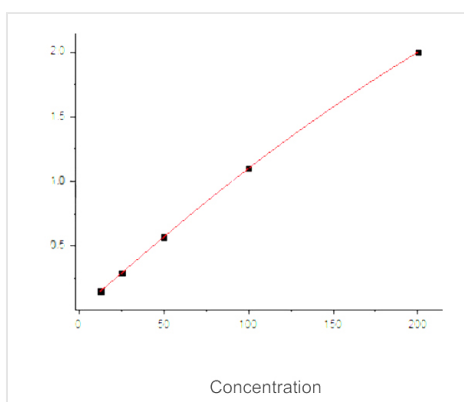
PRODUCT SYNONYMS

Proline-Rich Protein 1 (PROL1); Human Proline-Rich Protein 1 (PROL1) ELISA Kit; PROL1; BPLP; PRL1; basic proline-rich protein; proline-rich 1; PROL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Proline-rich protein 1 (PROL1) ELISA Kit has high sensitivity and excellent specificity for detection of Human PROL1. No significant cross-reactivity or interference between Human PROL1 and analogues was observed.
Sequence Length	248
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	12.5 ng/L - 200 ng/L
Sensitivity	< 1ng/L
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 PROL1 elisa kit	Background: The proline-rich acidic protein 1 (PRAP1) is mainly expressed in the epithelial cells and has been suggested to play an important role in maintaining normal growth homeostasis in epithelial cells. Principle of the Assay: Human Proline-rich protein 1 (PROL1) ELISA Kit employs a two-site sandwich ELISA to quantitate PROL1 in samples. An antibody specific for PROL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PROL1 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human PROL1 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 PROL1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	116805344
NCBI GeneID	58503
NCBI Accession #	NP_067048.4
NCBI GenBank Nucleotide #	NP_067048.4
UniProt Accession #	Q99935
NCBI Official Full Name	opiorphin prepropeptide isoform 1
NCBI Official Synonym Full Names	opiorphin prepropeptide
NCBI Official Symbol	OPRPN
NCBI Official Synonym Symbols	BPLP; PRL1; PROL1; opiorphin
NCBI Protein Information	opiorphin prepropeptide
UniProt Protein Name	Proline-rich protein 1
UniProt Gene Name	PROL1
UniProt Synonym Gene Names	BPLP; PRL1
UniProt Entry Name	PROL1_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.