

Human Basic Salivary Proline Rich Protein 1 (PRB1) ELISA Kit | PRB1 elisa kit

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CATALOG #
AAA65981

REACTIVITY
Human

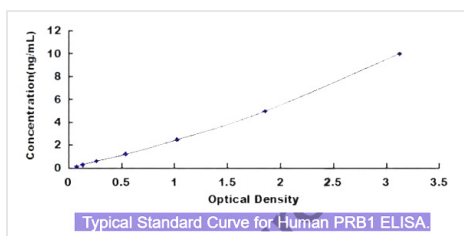
PRODUCT SYNONYMS

Basic Salivary Proline Rich Protein 1 (PRB1); Human Basic Salivary Proline Rich Protein 1 (PRB1) ELISA Kit; PM; PMF; PMS; PRB1L; PRB1M; Ps 1; Ps 2; PRPPRB1; Ps; cP7; Proline-Rich Protein BstNI Subfamily 1; PRB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PRB1. No significant cross-reactivity or interference between PRB1 and analogues was observed.
Sequence Length	1068
Assay Type	Quantitative Sandwich
Samples	Human saliva or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.054ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PRB1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PRB1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRB1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PRB1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PRB1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PRB1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of PRB1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of PRB1 in human saliva or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34577079
NCBI GeneID	5542
NCBI Accession #	NP_002886.2
NCBI GenBank Nucleotide #	NM_002895.4
UniProt Accession #	P04280; Q4VXA0; Q8N5K6; Q9H1L5; Q9H1M1; A8K2W5; P28749
Molecular Weight	114,688 Da
NCBI Official Full Name	retinoblastoma-like protein 1 isoform a
NCBI Official Synonym Full Names	RB transcriptional corepressor like 1
NCBI Official Symbol	RBL1
NCBI Official Synonym Symbols	PRB1; p107; CP107
NCBI Protein Information	retinoblastoma-like protein 1
UniProt Protein Name	Retinoblastoma-like protein 1
UniProt Gene Name	RBL1
UniProt Synonym Gene Names	p107

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/human-elisa-kits/basic-salivary-proline-rich-protein-1-prb1/65981>