

Human Basic Salivary Proline Rich Protein 2 (PRB2) ELISA Kit | PRB2 elisa kit

Human Basic Salivary Proline Rich Protein 2 (PRB2) ELISA Kit

CATALOG #
AAA64832

REACTIVITY
Human

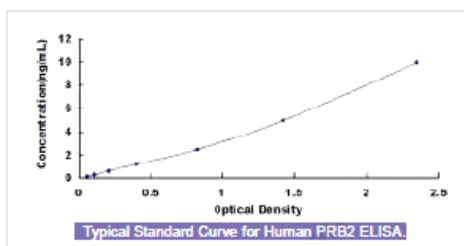
PRODUCT SYNONYMS

Basic Salivary Proline Rich Protein 2 (PRB2); Human Basic Salivary Proline Rich Protein 2 (PRB2) ELISA Kit; PRPPRB1; Ps; cP7; Proline-Rich Protein BstNI Subfamily 2; Con1 glycoprotein; Basic peptide P-F; PRB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PRB2. No significant cross-reactivity or interference between PRB2 and analogues was observed.
Sequence Length	416
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
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 PRB2 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 PRB2 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 PRB2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PRB2 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PRB2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PRB2. 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 PRB2, 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 PRB2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	160409933
NCBI GeneID	653247
UniProt Accession #	P02812; O00599; P02811; P04281
Molecular Weight	40,799 Da
NCBI Official Full Name	Basic salivary proline-rich protein 2
NCBI Official Synonym Full Names	proline rich protein BstNI subfamily 2
NCBI Official Symbol	PRB2
NCBI Official Synonym Symbols	Ps; cP7; IB-9; PRPPRB1
NCBI Protein Information	basic salivary proline-rich protein 2
UniProt Protein Name	Basic salivary proline-rich protein 2
UniProt Gene Name	PRB2
UniProt Synonym Gene Names	Salivary proline-rich protein

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.