

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

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

CATALOG #
AAA331368

REACTIVITY
Human

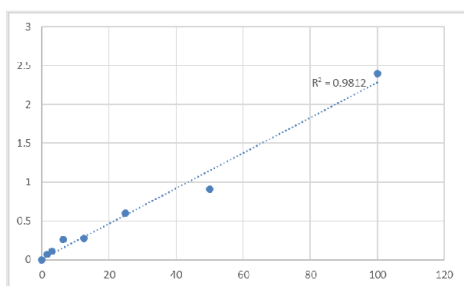
PRODUCT SYNONYMS

Basic Salivary Proline-Rich Protein 2 (PRB2); Human Basic Salivary Proline-Rich Protein 2 (PRB2) ELISA Kit; PRB2; PRPPRB1; Ps; cP7; proline-rich protein BstNI; subfamily-2 (parotid size variant); salivary proline-rich protein 2; PRB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Basic salivary proline-rich protein 2 (PRB2) ELISA Kit has high sensitivity and excellent specificity for detection of Human PRB2. No significant cross-reactivity or interference between Human PRB2 and analogues was observed.
Sequence Length	416
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Basic salivary proline-rich protein 2 (PRB2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PRB2 elisa kit	Description: This Human Basic salivary proline-rich protein 2 (PRB2) ELISA Kit employs a two-site sandwich ELISA to quantitate PRB2 in samples. An antibody specific for PRB2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRB2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRB2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PRB2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The Ps proteins of saliva are so called because they are parotid size variants, i.e., variants in the size of parotid salivary protein. The polymorphism is determined by 1 unexpressed and 2 expressed alleles at an autosomal locus. The electrophoretic polymorphism is manifested by apparent differences in molecular weights between the Ps proteins which are glycosylated. Ps and Pm are closely linked to Pr, Pa, Db, and G1. Goodman and Karn (1983) presented evidence supporting the conclusion of Azen and Denniston (1980) that there is a molecular weight difference between the 2 allelic proteins Ps-1 and Ps-2. The difference appears to be due to an extension of the Ps-2 chain (presumably at its COOH-end). Minaguchi et al. (1988) described new variants.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	209571537
NCBI GeneID	653247
NCBI Accession #	NP_006239.3
NCBI GenBank Nucleotide #	NP_006239.3
UniProt Accession #	P02812
NCBI Official Full Name	basic salivary proline-rich protein 2 preproprotein
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.

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-2-prb2/331368>