

Human Basic Salivary Proline Rich Protein 4 ELISA Kit | PRB4 elisa kit

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CATALOG #
AAA97806

REACTIVITY
Human

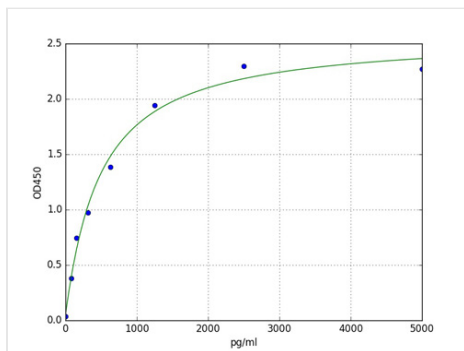
PRODUCT SYNONYMS

Basic Salivary Proline Rich Protein 4; Human Basic Salivary Proline Rich Protein 4 ELISA Kit; PRB4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	247
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Human PRB4 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.069	0.144	0.180	0.276	0.462	0.827	1.487	2.034

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRB4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PRB4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PRB4 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human PRB4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PRB4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

37537692

NCBI GeneID	5545
NCBI Accession #	NP_002714.2
NCBI GenBank Nucleotide #	NM_002723.5
Molecular Weight	31,326 Da
NCBI Official Full Name	basic salivary proline-rich protein 4 isoform 1 preproprotein
NCBI Official Synonym Full Names	proline-rich protein BstNI subfamily 4
NCBI Official Symbol	PRB4
NCBI Official Synonym Symbols	Po
NCBI Protein Information	basic salivary proline-rich protein 4
UniProt Protein Name	Basic salivary proline-rich protein 4
UniProt Gene Name	PRB4
UniProt Synonym Gene Names	Salivary proline-rich protein Po
UniProt Entry Name	PRB4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/prb4-human-elisa-kits/basic-salivary-proline-rich-protein-4/97806>