

Human Proteoglycan 4 (PRG4) ELISA Kit | PRG4 elisa kit

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CATALOG #
AAA66398

REACTIVITY
Human

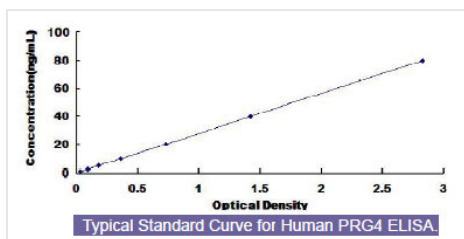
PRODUCT SYNONYMS

Proteoglycan 4 (PRG4); Human Proteoglycan 4 (PRG4) ELISA Kit; PRG4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PRG4. No significant cross-reactivity or interference between PRG4 and analogues was observed.
Sequence Length	1363
Samples	human serum, plasma, synovial fluid and other biological fluids
Detection Range	1.25-80ng/mL
Sensitivity	<0.54ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PRG4 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 PRG4 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 PRG4 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of PRG4 in human serum, plasma, synovial fluid and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	735997424
NCBI GeneID	10216
NCBI Accession #	NP_001121180.2

NCBI GenBank Nucleotide #	NM_001127708.2
UniProt Accession #	Q92954 ; Q6DNC4 ; Q6DNC5 ; Q6ZMZ5 ; Q9BX49
Molecular Weight	146,468 Da
NCBI Official Full Name	proteoglycan 4 isoform B preproprotein
NCBI Official Synonym Full Names	proteoglycan 4
NCBI Official Symbol	PRG4
NCBI Official Synonym Symbols	MSF; SZP; CACP; HAPO; JCAP
NCBI Protein Information	proteoglycan 4
UniProt Protein Name	Proteoglycan 4
UniProt Gene Name	PRG4
UniProt Synonym Gene Names	MSF; SZP

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/proteoglycan-4-prg4/66398>