

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

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CATALOG #
AAA122709

REACTIVITY
Human

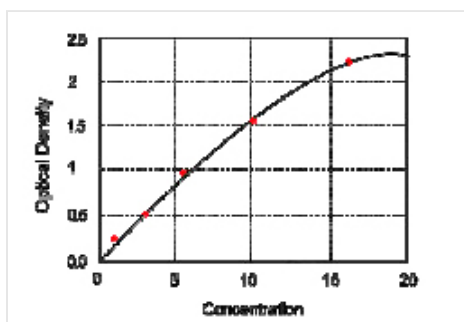
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1404
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml-40ng/ml
Sensitivity	0.049ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRG4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Proteinase 3 (also known as PR3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human PR3 antibody. PR3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human PR3 Antibody is added and binds to PR3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PR3 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human PR3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	735997426
NCBI GeneID	10216
NCBI Accession #	NP_005798.3
NCBI GenBank Nucleotide #	NM_005807.4
UniProt Accession #	Q92954
NCBI Official Full Name	proteoglycan 4 isoform A 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-prg4/122709>