

Human proteoglycan 2, bone marrow (natural killer cell activator, eosinophil granule major basic protein) ELISA Kit | PRG2 elisa kit

Human eosinophil granule major basic protein, EMBP/MBP ELISA Kit

CATALOG #

AAA18057

REACTIVITY

Human

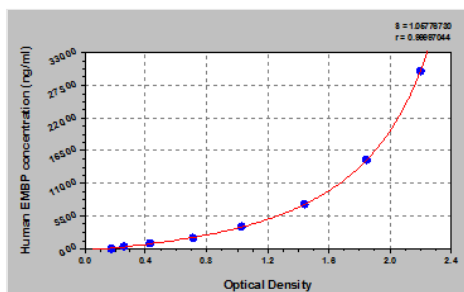
PRODUCT SYNONYMS

proteoglycan 2; bone marrow (natural killer cell activator; eosinophil granule major basic protein); Human eosinophil granule major basic protein; EMBP/MBP ELISA Kit; Human eosinophil granule major basic protein (EMBP/MBP) ELISA Kit; BMPG; MBP; MBP1; MGC14537; bone-marrow proteoglycan; eosinophil granule major basic protein; eosinophil major basic protein; natural killer cell activator; proteoglycan 2 preproprotein; PRG2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human EMBP. No significant cross-reactivity or interference between human EMBP and analogues was observed.
Sequence Length	211
Samples	Serum, plasma, cell culture supernates
Assay Type	Quantitative Sandwich
Detection Range	4.69 ng/ml-300 ng/ml
Sensitivity	< 1.17 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRG2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for EMBP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any EMBP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for EMBP is added to the wells. After washing, avidin 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 EMBP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	342837699
NCBI GeneID	5553
NCBI Accession #	NP_001230174.1
NCBI GenBank Nucleotide #	NM_001243245.1
UniProt Accession #	P13727; P81448; Q14227; Q6ICT2
Molecular Weight	25,206 Da
NCBI Official Full Name	bone marrow proteoglycan isoform 2 preproprotein
NCBI Official Synonym Full Names	proteoglycan 2, bone marrow (natural killer cell activator, eosinophil granule major basic protein)
NCBI Official Symbol	PRG2
NCBI Official Synonym Symbols	MBP; BMPG; MBP1
NCBI Protein Information	bone marrow proteoglycan; bone-marrow proteoglycan; proteoglycan 2 preproprotein; natural killer cell activator; eosinophil major basic protein; eosinophil granule major basic protein
UniProt Protein Name	Bone marrow proteoglycan
UniProt Gene Name	PRG2
UniProt Synonym Gene Names	MBP; BMPG; EMBP; MBP
UniProt Entry Name	PRG2_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.

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Online datasheet: <https://stage.aaabiotech.com/prg2-human-elisa-kits/proteoglycan-2-bone-marrow-natural-killer-cell-activator-eosinophil-granule-major-basic-protein/18057>