

Human Biglycan (BGN) ELISA Kit | BGN elisa kit

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CATALOG #
AAA43238

REACTIVITY
Human

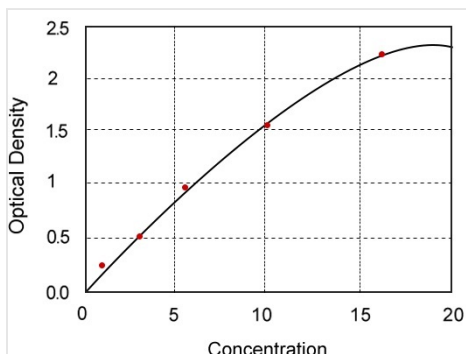
PRODUCT SYNONYMS

Biglycan (BGN); Human Biglycan (BGN) ELISA Kit; BGN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	394
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 200ng/ml
Sensitivity	0.23ng/ml
Intra-Assay	CV<8%
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 BGN elisa kit

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

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human BGN antibody. BGN present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human BGN Antibody is added and binds to BGN in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BGN 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 BGN. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	179433
NCBI GeneID	633
UniProt Accession #	P21810; P13247; D3DWU3
Molecular Weight	41,654 Da
NCBI Official Full Name	biglycan
NCBI Official Synonym Full Names	biglycan
NCBI Official Symbol	BGN
NCBI Official Synonym Symbols	PGI; MRLS; DSPG1; PG-S1; SEMDX; SLRR1A
NCBI Protein Information	biglycan
UniProt Protein Name	Biglycan
UniProt Gene Name	BGN
UniProt Synonym Gene Names	SLRR1A

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/biglycan-bgn/43238>