

Horse Biglycan ELISA Kit | BGN elisa kit

Horse Biglycan (BGN) ELISA Kit

CATALOG #
AAA55517

REACTIVITY
Horse

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of Horse BGN. No significant cross-reactivity or interference between Horse BGN and analogues was observed.
Sequence Length	368
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for BGN elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate BGN in samples. An antibody specific for BGN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BGN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BGN is added to the wells. After washing, Streptavidin 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 BGN bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126352334
NCBI GeneID	100033879
NCBI Accession #	NP_001075308.1
NCBI GenBank Nucleotide #	NM_001081839.1
UniProt Accession #	O46403 ; Q9N1U5

Molecular Weight	41,924 Da
NCBI Official Full Name	biglycan
NCBI Official Synonym Full Names	biglycan
NCBI Official Symbol	BGN
NCBI Protein Information	biglycan
UniProt Protein Name	Biglycan
UniProt Gene Name	BGN

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://www.aaabiotech.com/bgn-horse-elisa-kits/biglycan/55517>