

Bovine Beta-lactoglobulin ELISA Kit | LGB elisa kit

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CATALOG #
AAA310061

REACTIVITY
Bovine

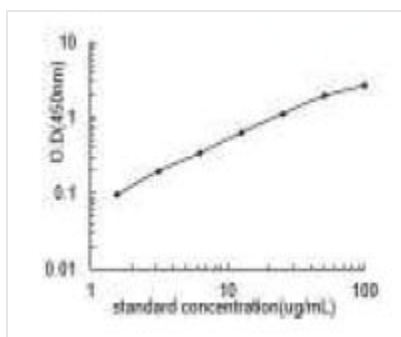
PRODUCT SYNONYMS

Beta-lactoglobulin; Bovine Beta-lactoglobulin ELISA Kit; Beta-LG; LGB; LGB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovine Beta-LG. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates and cell culture supernates and other biological fluids
Detection Range	1.56 ug/mL -100 ug/mL
Sensitivity	< 0.78 ug/mL
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LGB elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of bovine betalactoglobulin, Beta-LG concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Beta-LG. Standards or samples are then added to the appropriate microtiter plate wells with a biotinconjugated polyclonal antibody preparation specific for Beta-LG and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Beta-LG, biotin-conjugated antibody and enzyme- conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Beta-LG in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	87196497
NCBI GeneID	280838
NCBI Accession #	NP_776354.2
NCBI GenBank Nucleotide #	NM_173929.3
UniProt Accession #	P02754; Q32P89
Molecular Weight	19,883 Da
NCBI Official Full Name	beta-lactoglobulin
NCBI Official Symbol	PAEP
NCBI Official Synonym Symbols	BLG; LGB
NCBI Protein Information	beta-lactoglobulin
UniProt Protein Name	Beta-lactoglobulin
UniProt Gene Name	LGB
UniProt Synonym Gene Names	Beta-LG

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/lgb-bovine-ovine-elisa-kits/beta-lactoglobulin/310061>