

Bovine Beta-Lactoglobulin (bLg) ELISA Kit | bLg elisa kit

Bovine Beta-Lactoglobulin (bLg) ELISA Kit

CATALOG #
AAA67302

REACTIVITY
Bovine

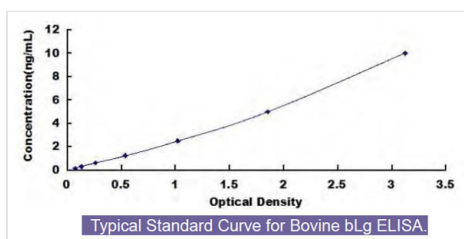
PRODUCT SYNONYMS

Beta-Lactoglobulin (bLg); Bovine Beta-Lactoglobulin (bLg) ELISA Kit; LGB; B-LG; bLg elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of bLg. No significant cross-reactivity or interference between bLg and analogues was observed.
Sequence Length	178
Assay Type	Quantitative Sandwich
Samples	Bovine serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.073ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level bLg were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level bLg were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for bLg elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to bLg. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to bLg. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain bLg, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of bLg in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of bLg in bovine serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids.
---	---

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/bovine-ovine-elisa-kits/beta-lactoglobulin-blg/67302>