

Bovine beta-lactoglobulin (Beta-LG) (allergen Bos d 5) (LGB) ELISA kit | LGB elisa kit

Bovine beta-lactoglobulin (Beta-LG) (allergen Bos d 5) , LGB ELISA Kit

CATALOG #
AAA112630

REACTIVITY
Bovine

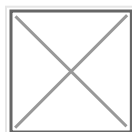
PRODUCT SYNONYMS

beta-lactoglobulin (Beta-LG) (allergen Bos d 5) (LGB) ELISA kit; Bovine beta-lactoglobulin (Beta-LG) (allergen Bos d 5); LGB ELISA Kit; Bovine beta-lactoglobulin (Beta-LG) (allergen Bos d 5) (LGB) ELISA kit; Bovine beta-lactoglobulin (Beta-LG) (allergen Bos d 5) (LGB); LGB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of Bovine LGB. No significant cross-reactivity or interference between Bovine LGB and analogues was observed.
Sequence Length	178
Samples	Serum, plasma and milk
Assay Type	Competitive
Detection Range	0.156 ug/ml-10 ug/ml
Sensitivity	0.129ug/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Metabolism
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 LGB elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. Antibody specific for LGB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with biotin-conjugated LGB. A competitive inhibition reaction is launched between LGB (Standards or samples) and biotin-conjugated LGB with the pre-coated LGB antibody. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in opposite to the amount of LGB bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	--

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 Synonym Full Names	progestagen-associated endometrial protein
NCBI Official Symbol	PAEP
NCBI Official Synonym Symbols	LGB
NCBI Protein Information	beta-lactoglobulin; beta-LG; lactoglobulin, beta; beta lactoglobulin D
UniProt Protein Name	Beta-lactoglobulin
UniProt Gene Name	LGB
UniProt Synonym Gene Names	Beta-LG
UniProt Entry Name	LACB_BOVIN

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-beta-lg-allergen-bos-d-5-lgb-elisa-kit/112630>