

Rat beta Lactoglobulin (beta-Lg) ELISA Kit | beta-Lg elisa kit

Rat beta Lactoglobulin (beta-Lg) ELISA Kit

CATALOG #
AAA53663

REACTIVITY
Rat

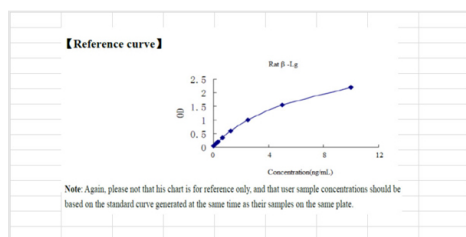
PRODUCT SYNONYMS

beta Lactoglobulin (beta-Lg); Rat beta Lactoglobulin (beta-Lg) ELISA Kit; Rat b Lactoglobulin (b -Lg) ELISA Kit; beta-Lg elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	178
Assay Type	Sandwich
Detection Range	10 ng/mL-0.156 ng/mL
Sensitivity	Up to 0.05 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for beta-Lg elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat beta -Lg monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	87196497
NCBI GeneID	280838

NCBI Accession #	NP_776354.2
NCBI GenBank Nucleotide #	NM_173929.3
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/rat-elisa-kits/beta-lactoglobulin-beta-lg/53663>