

ELISA training kits

ELISA Training Kit #B05005 ELISA Mini Training Kit #B05006

- Easy to use
- Fast
- Available as 12 or 24x 8-well strips



General information

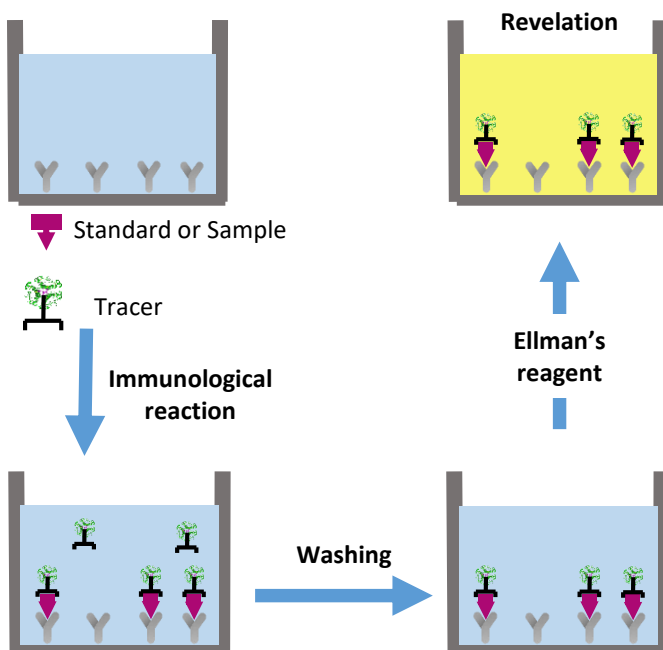
Bovine beta-lactoglobulin (BLG) is a relatively small protein of 162 residues with a 183 kDa molecular weight.

Beta-lactoglobulin is the major whey protein of mammalian (~3 g/L), a notable exception being humans. Its structure, properties and biological role have been extensively reviewed.

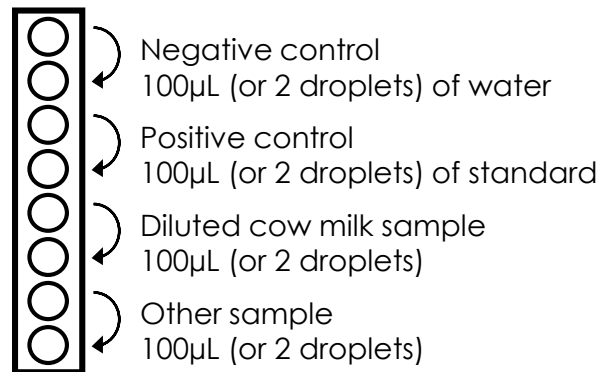
β -lactoglobulin is a major molecule of interest in food industry since its characteristics can be either an advantage or a drawback in dairy products and for their processing.

The training ELISA kits specifically measure the bovine beta-lactoglobulin.

Focus on the assay



One group can handle one 8-well strip and each sample can be done in duplicate.



ELISA training kits

▲ Technical data

Size	2 x 96 wells (B05005) / 96 wells (B05006)
Shelf life	3 years after production
Shipping / Storage	RT / +4°C
Media Application	Cow & goat milk, food juice
Sample volume	100µL (or 2 droplets)
Supplied components	<ul style="list-style-type: none">• Microtiter plate presented as 8-well strips• beta-lactoglobulin tracer• beta-lactoglobulin standard• Ellman's reagent 50• Technical booklet

▲ Example of data

The following data are for demonstration purposes only. Your data may be different but still be correct. These data were obtained using all reagents as supplied in this kit according to the protocol and 10 minutes incubation time.

- Negative sample: 0.009 and 0.010 A.U.
- Positive sample: 0.769 and 0.796 A.U.
- Diluted Cow milk: 0.574 and 0.571 A.U.

In this case the BLG concentration is 1.46 mg/mL .

▲ References

- F Rudolf M. Lequin
Enzyme Immunoassay (EIA)/Enzyme-Linked Immunosorbent Assay (ELISA)
Clinical Chemistry 51:12 2415–2418 (2005)
- A. Voller, A. Bartlett, and D. E. Bidwell
Enzyme immunoassays with special reference to ELISA techniques
Journal of Clinical Pathology, 1978, 31, 507-520
- Grassi J. & Pradelles Ph.
Compounds labelled by the acetylcholinesterase of Electrophorus Electricus. Its preparation process and its use as a tracer or marker in enzyme-immunological determinations.
United States patent, N° 1,047,330. September 10, 1991