

Product Datasheet

Beta Lactoglobulin antibody (orb21203)

Description

Precipitating polyclonal rabbit antiserum to



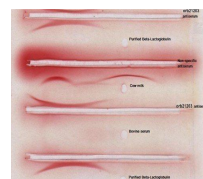
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Species/Host

Rabbit

Conjugation

Unconjugated

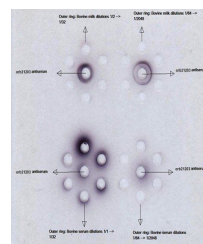

Preservatives

Delipidated, heat inactivated, lyophilized, stable whole antiserum No preservative added. Total protein and IgG concentrations in the antiserum are comparable to those in pooled rabbit serum. No foreign proteins added.

Immunoelectrophoresis shows beta Lactogl...

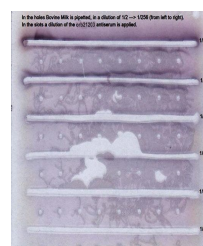
Form/Appearance

Delipidated, heat inactivated, lyophilized, stable whole antiserum No preservative added. Total protein and IgG concentrations in the antiserum are comparable to those in pooled rabbit serum. No foreign proteins added.


Storage

Storage: The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the antiserum. Diluted antiserum should be stored at +4°C, not refrozen, and preferably used the same day

Ouchterlony immunodiffusion showing beta...


Note

For research use only

Immunoprecipitation of Beta Lactoglobuli...

Clonality

Polyclonal

Source

Beta-lactoglobulin is the dominant protein in bovine milk, synthesized in mammary gland tissue. It is a glycoprotein present mainly as a dimer at intermediate concentrations near the isoelectric point. The molecular weight of the monomeric subunit is near 17,000. It is very sensitive to denaturation. Any treatment of native milk and also prolonged storage in the deepfreeze will lead first to polymerization (octamers and higher polymers) aggregation and finally to denaturation. Three genetic variants A, B and C have been identified. They differ very little in the amino acid constellation an their behavior under pH and temperature various conditions. No immunological differences was found between the variants. Beta-lactoglobulin can be purified in crystallized