



BOVINE IgG whole molecule Alkaline Phosphatase conjugated - 001-0502

Code: 001-0502

Size: 1 mg

Product Description: BOVINE IgG whole molecule Alkaline Phosphatase conjugated - 001-0502

PhysicalState: Liquid (sterile filtered)

Label	Alkaline Phosphatase (Calf Intestine)
Buffer	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0
Storage Condition	Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.
Synonyms	Bovine IgG Alkaline Phosphatase conjugation, Bovine IgG alk phos conjugation, Alkaline phosphatase conjugated Bovine IgG, alk phos conjugated Bovine IgG
Application Note	Bovine IgG whole molecule alkaline phosphatase conjugation can be utilized as a control or standard reagent in Western Blotting and ELISA experiments.
Background	Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsinization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present.
Purity And Specificity	This product was prepared from normal serum by delipidation, salt fractionation, ion exchange chromatography followed by conjugation and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Bovine IgG, anti-Bovine Serum and anti-Alkaline Phosphatase (calf intestine).
Expiration	Expiration date is one (1) year from date of opening.

Related Products

010-0102	MOUSE IgG whole molecule - 010-0102
610-4302	Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
BSA-50	BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-50

Disclaimer

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