

# Anti-Bovine IgG F(ab')<sub>2</sub> (Alkaline Phosphatase Conjugated) Secondary Antibody

Goat Polyclonal, Alkaline Phosphatase (Calf Intestine)

Catalog # ASR2617

## Product Information

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| <b>Description</b>    | Anti-BOVINE IgG F(ab') <sub>2</sub> (GOAT) Antibody Alkaline Phosphatase Conjugated                                       |
| <b>Host</b>           | Goat  |
| <b>Conjugate</b>      | Alkaline Phosphatase (Calf Intestine)   |
| <b>Target Species</b> | Bovine  |
| <b>Clonality</b>      | Polyclonal  |
| <b>Physical State</b> | Liquid (sterile filtered)   |
| <b>Host Isotype</b>   | IgG   |
| <b>Target Isotype</b> | IgG F(ab') <sub>2</sub>   |
| <b>Buffer</b>         | 0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0 |
| <b>Immunogen</b>      | Bovine IgG F(ab') <sub>2</sub> fragment   |
| <b>Stabilizer</b>     | 10 mg/ml Polyethylene Glycol (PEG-8000)   |
| <b>Preservative</b>   | 0.05% (w/v) Sodium Azide  |

## Additional Information

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| <b>Shipping Condition</b> | Wet Ice  |
| <b>Application Note</b>   | This product has been assayed against 1.0 ug of Bovine IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate code # NPP-10 as a substrate for 30 minutes at room temperature. A working dilution of 1:500 to 1:2,500 is suggested for this product.   |
| <b>Purity</b>             | This product was prepared from monospecific antiserum by immunoaffinity chromatography using Bovine IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Bovine IgG, Bovine IgG F(ab') <sub>2</sub> and Bovine Serum. No reaction was observed against Bovine IgG F(c). |
| <b>Storage Condition</b>  | 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.   |
| <b>Precautions Note</b>   | This product is for research use only and is not intended for therapeutic or diagnostic applications.  |