

Product datasheet for **R1616B**

Bovine IgG (H+L chain) Goat Polyclonal Antibody

Product data:

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| Product Type: | Secondary Antibodies |
| Product Name: | Bovine IgG (H+L chain) Goat Polyclonal Antibody |
| Applications: | ELISA, IHC, WB |
| Recommended Dilution: | Suitable for Immunoblotting (1:2,000-1:10,000), ELISA (see below), Immunohistochemistry (1:1000-1:5000), Immunomicroscopy as well as other antibody based assays using streptavidin or avidin conjugates requiring lot-to-lot consistency. This product has been assayed against 1.0 µg of Bovine IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:11,000 to 1:45,000 of the reconstitution concentration is suggested for this product. |
| Reactivity: | Bovine |
| Host: | Goat |
| Immunogen: | Bovine IgG whole molecule. |
| Formulation: | 0.01 M Sodium Phosphate, 0.14 M Sodium Chloride, pH 7.4 containing 0.01% (w/v) Thimerisol as preservative and 10 mg/ml Bovine Serum Albumin (BSA, IgG and Protease free) as stabilizer. Label: Biotin State: Lyophilized purified IgG fraction. Label: Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) Molar ratio: 10-20 BAC molecules per Goat IgG molecule. |
| Reconstitution Method: | Restore with 1.0 ml of deionized water (or equivalent). |
| Concentration: | 2.0 mg/ml (before lyophil. by UV absorbance at 280 nm) |
| Purification: | Immunoaffinity chromatography. |
| Conjugation: | Biotin |



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Storage:

Store vial at 2-8°C prior to restoration.

Restore with 1.0 ml of deionized water (or equivalent). Centrifuge product if not completely clear after standing at room temperature. This product is stable for one month at 2-8°C as an undiluted liquid. For extended storage reconstitute product with 50% glycerol instead of water and then aliquot contents and freeze at -20°C or below. Dilute only prior to immediate use.

Avoid cycles of freezing and thawing.