

Product Information

Catalog Number:	GtxBo-003-DFITC
Product:	Goat anti-Bovine IgG (H&L) - Affinity Pure, FITC Conjugate
Physical State:	Clear, fluorescent yellow liquid
Size:	2.0 mg
Antibody Concentration:	1.5 mg/ml (E 1% at 280 nm = 13.0) (concentration lot dependent)
Fluorophore:	Fluorescein-5-isothiocyanate (FITC) Amax = 494 nm; Emax = 518 nm Fluorescein-5-isothiocyanate (FITC)
Suggested Dilution Range:	1:50 - 1:500 for most applications The optimal working dilution should be determined by the investigator.
Buffer:	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer:	1% (w/v) Bovine Serum Albumin (IgG-free, Protease-Free)
Preservative:	0.05% (w/v) Sodium Azide
Purification:	Affinity purified using solid phase Bovine IgG (H&L)
Purity:	Affinity purified antibody is > 95% based on SDS-PAGE
Antibody Specificity:	Based on IEP, this antibody reacts with: <ul style="list-style-type: none">· heavy (γ) chains on bovine IgG· light chains on all bovine immunoglobulins Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">· non-immunoglobulin bovine serum immunoglobulins
Reconstitution and Storage:	Store undiluted liquid at 2-8°C. For storage in liquid form at -20°C, dilute with an equal volume of glycerol (Molecular Grade, purity >99,5%) to prevent loss of activity. Product is stable for up to 1 year from date of receipt. Prepare working dilution prior to use and then discard. Note: adding glycerol reduces the stated protein concentration and dilution range by one-half.
Safety Information:	Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. The antibody contains 0.05% sodium azide (a poisonous and hazardous substance) as preservative. Although this concentration is not regarded as dangerous to health, appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion.

Note: This information sheet contains general product information only. For detailed lot specific information consult the vial label and the data sheet supplied by the manufacturer upon delivery of the product.

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.

Warning: Bovine Serum Albumin (BSA) or dry milk is not suitable for blocking or diluting anti-bovine, anti-goat, anti-sheep or anti-horse IgG antibodies. BSA and dry milk may contain IgG, which react with these antibodies and may cause high background and/or reduce antibody titer. We recommend to use normal serum (5% v/v) from the same host species as the labeled secondary antibody.

Manufacturer:

ImmunoReagents, Inc.
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Raleigh, NC 27607, USA

Distribution and Support:

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