

Product Information

Catalog Number:	GtxBo-003-DALP
Product:	Goat anti-Bovine IgG (H&L) - Affinity Pure, ALP Conjugate
Physical State:	Clear, colorless liquid
Size:	1.0 mg
Antibody Concentration:	1.50 mg/ml (E 1% at 280 nm = 13.0) (concentration lot dependent)
Conjugation:	Alkaline Phosphatase
Suggested Dilution Range:	1:500 - 1:2.000 for most applications The optimal working dilution should be determined by the investigator.
Buffer:	30 mM Triethanolamine, pH 7.2, 5 mM Magnesium Chloride, 0.1 mM Zinc Chloride
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 at -20 °C, dilute with an equal volume of glycerol (Molecular Grade, purity > 99,5%) to prevent loss of enzymatic activity. Prepare working dilutions prior to use and then discard. Product is stable for up to 1 year from date of receipt. Note: adding glycerol reduces the stated protein concentration and dilution range by one-half. Use of low quality glycerol may affect conjugate activity. The expiration date may be extended if test results are acceptable for the intended use.
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.
6003 Chapel Hill Road, Suite 153
Raleigh, NC 27607, USA

Distribution and Support:

dianova GmbH
Warburgstr. 45
20354 Hamburg
www.dianova.com

Technical Support:
Phone: 040 45 06 70
Email: info@dianova.de

Ordering Information:
Phone: 040 45 06 70
Fax: 040 45 06 74 90
Email: order@dianova.de