

## Product Information

<b>Catalog Number:</b>	GtxRt-003-E2ALP
<b>Product:</b>	Goat anti-Rat IgG (H&L) - Affinity Pure, ALP Conjugate, min x w/ human or mouse IgG (highly absorbed against mouse IgG)
<b>Physical State:</b>	Clear, colorless liquid
<b>Size:</b>	1.0 mg
<b>Antibody Concentration:</b>	1.50 mg/ml (E 1% at 280 nm = 13.0) (concentration lot dependent)
<b>Conjugation:</b>	Alkaline Phosphatase
<b>Suggested Dilution Range:</b>	1:500 - 1:2.000 for most applications The optimal working dilution should be determined by the investigator.
<b>Buffer:</b>	30 mM Triethanolamine, pH 7.2, 5 mM Magnesium Chloride, 0.1 mM Zinc Chloride
<b>Stabilizer:</b>	1% (w/v) Bovine Serum Albumin (IgG-free, Protease-Free)
<b>Preservative:</b>	0.05% (w/v) Sodium Azide
<b>Purification:</b>	Affinity purified using solid phase Rat IgG
<b>Purity:</b>	Affinity purified antibody is > 95% based on SDS-PAGE
<b>Antibody Specificity:</b>	Based on IEP, this antibody reacts with: <ul style="list-style-type: none"><li>· heavy (<math>\gamma</math>) chains on rat IgG</li><li>· light chains on all rat immunoglobulins</li></ul> Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>· non-immunoglobulin rat serum proteins</li><li>· IgG from human or mouse</li><li>· highly cross absorbed against mouse IgG</li></ul>
<b>Reconstitution and Storage:</b>	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. <b>Note:</b> 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.
<b>Safety Information:</b>	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.**

### 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](mailto:info@dianova.de)

**Ordering Information:**  
Phone: 040 45 06 70  
Fax: 040 45 06 74 90  
Email: [order@dianova.de](mailto:order@dianova.de)