



Product Data Sheet

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**Rabbit Anti-Sheep IgG (H+L)-Alkaline Phosphatase (Affinity Purified) Conjugate**

**Cat#.** 30355

**Size:** 1 ml

**Form:** Liquid

Lyophilized

Storage: Store at 4°C

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**Description**

**Rabbits** were immunized with antigen grade **Sheep** IgG. Antibodies have been isolated using ammonium sulfate, ion-exchange, and affinity chromatography. Purified anti-**Sheep** IgG (H+L) was labeled with highly purified preparation of alkaline phosphatase using a modified glutaraldehyde procedure.

**Form and Storage**

The conjugate is provided in either **lyophilized** or **liquid** forms. The **liquid conjugate** is provided in a enzyme stabilizing buffer containing rabbit serum and bovine serum albumin and 0.02% merthiolate in 40% Glycerol as preservative. The product should be stored at 4°C for short term storage or frozen at -20°C or below in suitable aliquots. Stability is at least 1 year under frozen conditions. Do not store diluted solutions and avoid repeated freeze and thaw.

**Lyophilized** conjugate should be reconstituted in 1 ml of Phosphate buffered saline, pH 7.4, containing 40% Glycerol and stored as above.

**Purity/Specificity**

The conjugate contains affinity pure antibody at approximately 0.5 mg/ml. The molar enzyme to protein (E/P) ratio = 1:7:1.

Specificity has been tested using IEP, immunodiffusion, and ELISA. The product reacts with **sheep** IgG (H+L chain). The antibody may recognize other species IgG's that have common IgG light chains. However, no antibody is detected to other serum proteins.

**Recommended Working Dilution for ELISA**

Working dilution for the specific application should be determined by the investigator to obtain the best conditions. However, dilution of 1:1000-10:000 may be used as starting point for most applications.

Working solution should be prepared immediately before use and diluted solution should be discarded.

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**Related Material available for ADI**

Single solution, ready to use, TMB substrates for Blotting & ELISA

Anti-Rabbit, Mouse, Human, Goat, Chicken IgG-HRP conjugates

StainAll reversible dye for Immunoblotting (visualize transfer of proteins on blotting membranes within seconds)

**Western blot recycling kit** (Use the same blot/strip to probe with multiple antibodies) **Strip Antibodies in 5 minutes** (no heating or mercaptoethanol)

**Chemiluminescence Substrates and Western blot kits** (save by complete kit that includes Anti-rabbit IgG-HRP conjugate, blocking buffer, wash buffer, and Chemiluminescence Substrates for processing 15-30 std size blots).

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This product is considered non-hazardous as defined by OSHA (CFR 1910.1200. Nov 25, 1983). It can be disposed of in the drain.

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