

---

## Certificate of Analysis

**Visualizer™ Western Blot Detection Kit, mouse  
Chemiluminescent System**  
Catalog # 64-201SP  
Lot # 29980

### Kit Components

**Goat Anti-Mouse IgG, HRP conjugate**, Catalog # 12-349C, Lot # 29972. One vial containing **100µg** of goat IgG, conjugated with horseradish peroxidase lyophilized from 0.02M potassium phosphate, 0.15M NaCl, pH 7.2, 10mg/ml BSA, 0.01% (w/v) gentamicin sulfate. For rehydration add 100µl of sterile, distilled water containing 50% glycerol to make a 1mg/ml stock solution. See page two for more information.

**Note: This product is light sensitive.**

**Visualizer™ Detection Reagent A**, Catalog # 20-275aSP. One vial containing **5ml**.

**Visualizer™ Detection Reagent B**, Catalog # 20-275bSP. One vial containing **10ml** each.

**Note: Visualizer™ components are light sensitive.**

**FOR RESEARCH USE ONLY  
NOT FOR USE IN HUMANS**

---

### Kit Description

**Product Description:** The Visualizer™ Western Blot Detection Kit, using the provided HRP conjugated secondary antibody and detection reagents, is designed for the sensitive detection of proteins in chemiluminescent Western blots.

**Quantity:** 5 immunoblots per kit.

**Storage and Stability:** Stable for 18 months at 4°C from date of shipment. **Note:** Upon receipt, resuspend, aliquot and store Catalog # 12-349C at -20°C for optimal performance. Store Visualizer™ Detection Reagents at 4°C.

**Use:** Read the enclosed manual before use. Visualizer™ Western Blot Detection reagents are very sensitive and optimization of the individual assay components (antibodies, conjugates, membranes, etc.) need to be completed to minimize non-specific reactivities and supply the most robust results.

**Quality Control Testing:** The reagents in this kit have been matched to optimize the range and sensitivity of detection using various antibodies in Western blot assays.

**Visualizer™** is a trademark of Upstate USA, Inc.

## **Technical Information for Kit Components**

### **Goat Anti-Mouse IgG, HRP conjugate (goat polyclonal IgG)**

**Immunogen:** Highly purified whole mouse IgG.

**Specificity:** Recognizes mouse IgG, both heavy and light chains.

**Species Cross-reactivity:** Mouse.

**Use:** A working dilution of 1:10,000 is recommended for Western blot detection with this kit, but optimal dilutions should be determined for each system. If background detection is high, further dilution may be necessary.

**Physical Form:** Lyophilized powder.

**Storage and Stability:** Lyophilized: Stable for 2 years at -20°C from date of shipment. Rehydrated: Stable for 6 months at -20°C. For maximum recovery of the product, centrifuge the original vial prior to removing the cap. Aliquot rehydrated solution to avoid repeated freezing and thawing.