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## Certificate of Analysis

**Visualizer™ Western Blot Detection Kit, mouse  
Chemiluminescent System**  
Catalog # 64-201  
Lot # 0606033128

### Kit Components

**Goat Anti-Mouse IgG, HRP conjugate**, Catalog # 12-349. One vial containing **500µg** 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 500µl 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 # 20-275a. One vial containing **20ml**.

**Visualizer™ Detection Reagent B**, Catalog # 20-275b. Two vials containing **20ml** each.

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

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

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### 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:** 20 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 # 12-349 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**

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

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

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

**Species Cross-reactivity:** Mouse.

**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.