



cell signaling solutions

Certificate of Analysis

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**Visualizer™ Western Blot Detection Kit, mouse
Chemiluminescent System**
Catalog # 64-201SP
Lot # 29548

Kit Components

Goat Anti-Mouse IgG, HRP conjugate, Catalog # 12-349C, Lot # 28712. 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.