

Fast Silver Stain Kit

Cat. No. KITDE-LR11 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Silver stain is the protein detection method based on polyacrylamide gel, The principle is that the silver ions are reduced to metal silver in an alkaline conditions, which deposite on the surface of the protein and form visible staining under an optical microscope. Compared to coomassie staining, silver staining has a very high sensitivity, capable of detecting proteins at levels below 1ng. The traditional silver staining process is complicated and requires high reagent configuration. The kit is designed for rapid silver stain detection and requires only simple operation to complete protein detection. Because of its high sensitivity, silver staining can be used for the detection of low abundance proteins, such as the study of interacting proteins in endogenous GST-Pull down, Co-IP and other experiments.

Size

10 tests

Storage

Store at 4°C

Applications

Low abundance protein detection in GST-Pull down, Co-IP and other experiments.

Notes

1. Since silver stain is very sensitive, please use high purity water, and ensure that the materials used are clean, preferably clean glassware. Wear gloves during operation to avoid direct contact.
2. Silver solution is corrosive, please be careful when operating, and ensure effective protection to avoid direct contact with the human body, and pay attention to avoid corrosion of other items, toxic or harmful to aquatic organisms, prohibit direct discharge into the environment.

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3. This product is only used for scientific research by professionals, shall not be used for clinical diagnosis or treatment, shall not be used for food or medicine, and shall not be stored in ordinary homes.

4. For your safety and health, please wear a lab coat and disposable gloves

Shipping

On Ice

Kit Components

Sensitizing solution I: 36mL

Sensitizing solution II: 0.8mL

Sensitizing solution III: 1.1mL

detection reagent I: 36mL

detection reagent II: 0.5mL

Silver solution: 3.8mL

**Materials Required
but Not Supplied**

Ethanol, acetic acid and deionized water

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