G-Biosciences ♦ 1-800-628-7730 ♦ 1-314-991-6034 ♦ technical@GBiosciences.com

A Geno Technology, Inc. (USA) brand name

Swift™ Film Cleaner

Clean Up Overexposed or Dirty Film Saving Time & Money

(Cat. # 786-678)

INTRODUCTION

Swift™ Film Cleaner allows researchers to clean film that has been overexposed or has a high background or speckling without having to repeat experiments. The Swift™ Film Cleaner is suitable for all experiments that use film to develop the result, including gel shift assays, Western, Southern and Northern blots.

The following procedure is suitable for all developed films, new and old, and takes a few minutes to reduce the background. The cleaner is quickly stopped once the correct exposure has been reached.

ITEM SUPPLIED (CAT # 786-678)

Description	Size
Swift™ Film Cleaner Reagent 1	120ml
Swift™ Film Cleaner Reagent 2	120ml

STORAGE & STABILITY

The kit is shipped at ambient temperature. Upon arrival, store reagents at room temperature. The kit components are stable for 12 months, when stored and handled properly.

ADDITIONAL ITEMS REQUIRED

Destaining trays, orbital shaker, deionized (DI) water

PROTOCOL

1. If the film is newly developed, thoroughly wash in DI water to remove the chemicals used in film development.
2. Before beginning the film clean up, place two trays of DI water near the orbital shaker. The film needs to be washed as soon as the endpoint is reached as the *Swift*™ Film Cleaner will continue working until completely washed away.
3. Prepare the working solution as indicated below by adding the appropriate amount of Reagent 1 and Reagent 2 to the DI water in a glass bottle. The working solution is stable for up to 30 minutes at room temperature.

Film Size	Recommended Container Size	DI Water	Reagent 1	Reagent 2
5 x 7” 12.5 x 17.5cm	8 x 8 x 2” 20 x 20 x 5cm	270ml	15ml	15ml
8 x 10” 20 x 25cm	8 x 10 x 2” 20 x 25 x 5cm	540ml	30ml	30ml

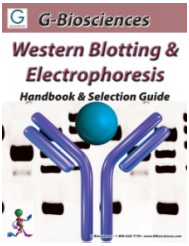
4. Add the working solution to the indicated sized container.
5. Place a *single* film into the working solution and rock/ shake the container on a rocker or orbital shaker. Using forceps, flip the film every 10-20 seconds for even clean up.
6. Remove the film from the working solution once the desired image appears.
   NOTE: *To prevent over destaining the film, we recommend stopping the reaction at several different time points and photographing/scanning the image before further clean up. The film can be repeatedly treated with working solution until the desired image is obtained.*
7. Immediately transfer and submerge the film in the first water tray, rinse for a few seconds and then transfer to the second water wash to ensure all the working solution is removed.
8. Allow the film to dry.

TROUBLESHOOTING

Trouble	Cause	Fix
Uneven removal of background	Film adhered to container bottom Inconsistent Flipping More than one film added to the container at a time	Ensure film is continually agitated on a rocker or orbital shaker. Flip the film every 10-20 seconds Clean up one film at a time
Film destained to much	Unsure of optimal image Working solution too concentrated	Stop the reaction at multiple time points and record the image by photography or scanning until desired image is achieved. The film can be added to working solution multiple times. Dilute the working solution to slow the clean up process.
Background removal very slow or not occurring	Working solution depleted or saturated	Use fresh working solution
Cleaned film has a yellow background	Inadequate washing Working solution depleted or saturated by extremely dark film	Thoroughly wash film Use fresh working solution

RELATED PRODUCTS

Download our Western Blotting Handbook.



http://info.gbiosciences.com/complete-western-blot-handbook--selection-guide

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