

Free FM scanning  
radio with stopwatch!  
See inside for details...



**Rapid, sensitive silver staining**



 **Invitrogen**  
life technologies

compatible with mass spectrometry

## Introducing a silver stain that's everything you want

## Fast, easy-to-follow method

Most silver staining protocols are tedious and time-consuming to perform, and then interfere with your downstream mass spectrometry studies. Now you can experience the silver staining performance you need without the hassle. Using the SilverQuest™ Silver Staining Kit you'll:

- Save time with the fast microwave protocol
- Easily stain your gel with clearly marked, ready-to-use reagents
- Achieve highly sensitive detection

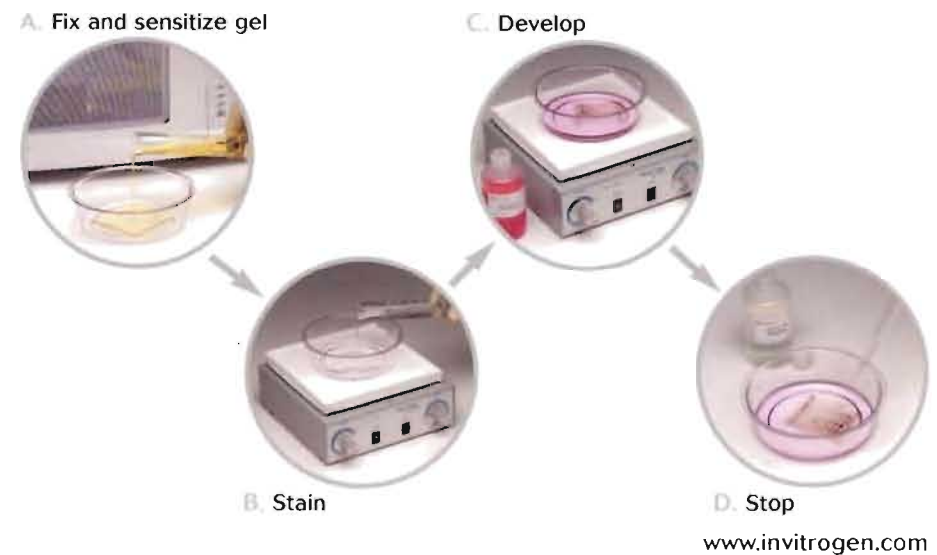
In addition, the specially formulated SilverQuest™ reagents won't interfere with downstream mass spectrometry studies. The sensitizer is aldehyde-free to prevent protein modifications. The included destaining solutions remove silver ions to ensure accurate analysis. The SilverQuest™ silver stain truly provides everything you need.



For fast, easy silver staining, the SilverQuest™ Kit offers:

- A microwave protocol that takes just 30 minutes (Figure 1) — that's at least three times faster than traditional methods
  - Color-tinted solutions that allow you to easily identify where you are in the staining process, eliminating the chance of repeating or skipping a step
- You'll save hours and get the results you need.

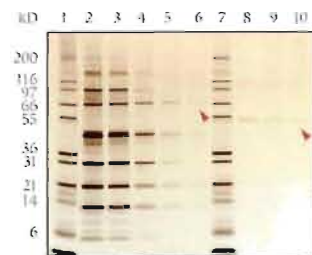
**Figure 1** – Overview of the SilverQuest™ protocol



## Maximum sensitivity

With all its speed and ease, the SilverQuest™ Silver Staining Kit still yields sub-nanogram sensitivity. In just 30 minutes, you can detect as little as 0.3 ng of protein (Figure 2).

Figure – Sub-nanogram sensitivity with the SilverQuest™ Kit



The samples listed below were run on a NuPAGE® Novex Bis-Tris 4-12% Gel and then stained with the SilverQuest™ Kit. Arrows indicate 0.3 ng protein.

Lanes 1,7: 5 µl reduced Mark12™ Standard diluted 1:5  
 Lanes 2,3,4,5,6: 5 µl reduced protein mix diluted 1:5, 1:25, 1:100, 1:600, and 1:1100, respectively  
 Lanes 8,9,10: 1.2, 0.6, and 0.3 ng non-reduced BSA, respectively

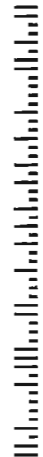
## An added bonus

For a limited time you can take advantage of the fast, easy, sensitive SilverQuest™ Kit and enjoy your work with a free FM scanning radio. Turn to the reverse side of this card to find out more.



**BUSINESS REPLY MAIL**  
 FIRST-CLASS MAIL PERMIT NO. 997 CARLSBAD CA  
 POSTAGE WILL BE PAID BY ADDRESSEE

 **Invitrogen™**  
 life technologies  
 1600 FARADAY AVE  
 CARLSBAD CA 92008-9981



## FREE FM radio



For a limited time, when you order the SilverQuest™ Kit you'll get a cool FM scanning radio with stopwatch absolutely FREE!\*

Get sensitive silver staining that's fully compatible with mass spectrometry analysis...and listen to the radio with our compliments.

This convenient, palm-sized radio includes clock, alarm, lap-time, and day-of-week display. Batteries are included. Just mention PROM SILVERRS when placing your order. But don't wait—there are only 200 radios available. Call and order today.

Product	Quantity	Cat. no.
SilverQuest™ Silver Staining Kit	1 kits	LC6070

\*Sufficient reagents are supplied to stain 25 mini gels.

\*This offer is valid only in the United States and cannot be combined with any other discount or promotion. Limit one FM radio per customer. Offer valid while supplies last. Offer void where prohibited by federal, state, or local laws or regulation or agency/institutional policy.

## Yes! I would like more information

- Please send me the SilverQuest™ Silver Staining Kit brochure
- Please send me information on protein standards
- Please add me to the Invitrogen mailing list
- Send me the 2002 Invitrogen catalog
- Send me the latest edition of the *Expressions* newsletter

Name \_\_\_\_\_

Institution \_\_\_\_\_ Dept. \_\_\_\_\_

Street Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_ Country \_\_\_\_\_

Institution/affiliation:  industrial  academic  government

Sign up to receive new product announcements by e-mail. E-mails will contain only product-specific information and will be short and to the point.

**Sign me up!** E-mail Address \_\_\_\_\_

Tear off this portion and return by mail. Thank you!

1600 Faraday Avenue • Carlsbad, CA 92008 • 1 800 955 6288 • [www.invitrogen.com](http://www.invitrogen.com)



710-021509 061802 30M

[www.invitrogen.com](http://www.invitrogen.com)