

# AdvanStain™ Scarlet™

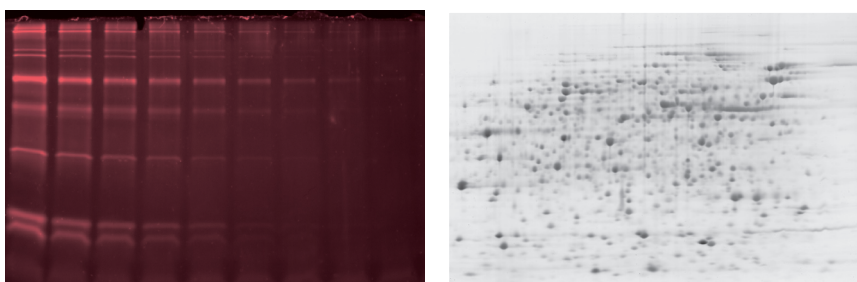
Fluorescent total protein stain for gels and blots

**AdvanStain Scarlet** is a fluorescent stain for gels and blots that allows sensitive and quantitative visualization of proteins. Gels and blots stained with AdvanStain Scarlet can be imaged on any fluorescent imaging system, including laser- and CCD-based systems, with a detection limit of less than 1 ng of protein per band or spot. Fully compatible with downstream Western blotting or mass spectrometry, AdvanStain Scarlet is non-toxic and biodegradable, for safe and simple disposal.

## High Sensitivity, Fast Protocol

**AdvanStain Scarlet outperforms both Coomassie blue and Competitor A in time and sensitivity.** Gels were stained with AdvanStain Scarlet, Competitor A, or Coomassie blue stain, according to the manufacturers' protocols and imaged on a CCD imager.

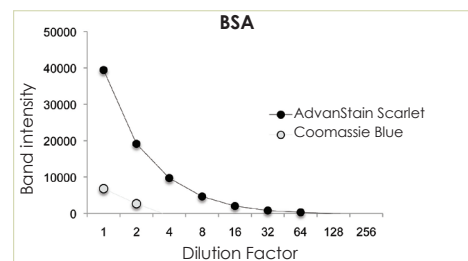
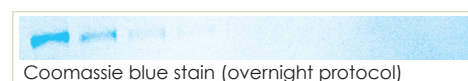
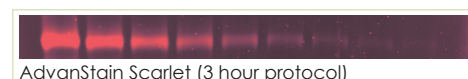
### Stain 1D and 2D Gels



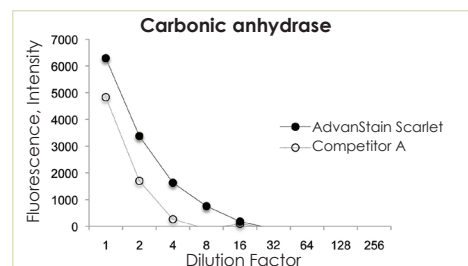
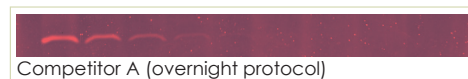
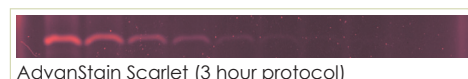
**AdvanStain Scarlet stains 1D and 2D gels** in less than 3 hours, with high sensitivity, low background, and no speckling.



### BSA



### Carbonic Anhydrase



# AdvanStain™ Scarlet™

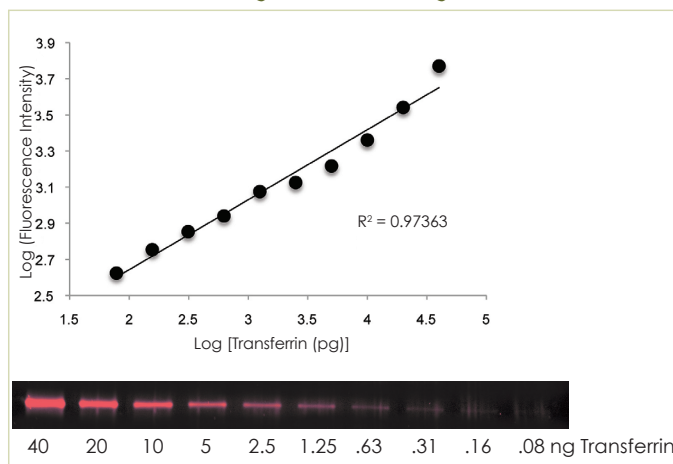
## Fluorescent total protein stain for gels and blots

**AdvanStain Scarlet** is sensitive, quantitative, non-toxic, and fully compatible with downstream applications including Western blotting and mass spectrometry.

### Features

- **SENSITIVE** – detect less than a nanogram of protein per spot
- **CONVENIENT** – simple 3-hour protocol
- **FLEXIBLE** – stain gels or membranes
- **REVERSIBLE** – destain for downstream Western blotting or mass spectrometry
- **NO SPECKLING** – clean background and no speckling for better data
- **SAFE** – biodegradable and contains no heavy metals for increased safety and simple disposal
- **COMPATIBLE** – image with any laser or CCD imaging system. Compatible excitation wavelengths include green (543, 532 nm), blue (488 nm), violet (405 nm) and UV (302, 365 nm). Maximum emission wavelength is 610 nm.

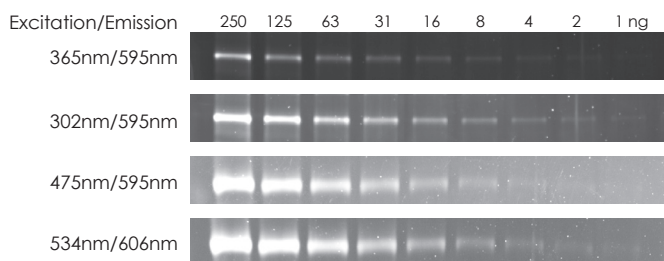
### High Sensitivity, Large Dynamic Range



**Quantitative staining with AdvanStain Scarlet.** A gel containing serial dilutions of transferrin protein was stained with AdvanStain Scarlet and imaged on a CCD imaging system (excitation 534 nm, emission 606 nm). Less than 1 ng of protein per band can be detected, and signal is linear more than 2 orders of magnitude.

### Compatible with Multiple Imaging Systems

**Versatility in imaging.** A gel containing a serial dilution of BSA protein was stained with AdvanStain Scarlet and imaged on a CCD imaging system using a variety of excitation and emission conditions.



### Ordering Information

Catalog Number	Product	Size
K-11072-B50	AdvanStain Scarlet Kit, Sufficient for staining 20 minigels	5 ml
K-11072-C25	AdvanStain Scarlet Kit, Sufficient for staining 100 minigels	25 ml

### Advansta Corporation

1505 Adams Drive, Suite B1 | Menlo Park, CA 94025

Tel: 650.325.1980 | Fax: 650.325.1904 | Email: [sales@advansta.com](mailto:sales@advansta.com)

Product information: [www.advantsta.com/AdvaStain\\_Scarlet](http://www.advantsta.com/AdvaStain_Scarlet)

Copyright © 2012-2014 Advansta. All rights reserved. The Advansta logo is a registered trademark of the Company. AdvanStain™ Scarlet™ is a trademark of the Company. All other trademarks, service marks and trade names appearing in this brochure are the property of their respective owners.

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

