RUBY GEL STAIN
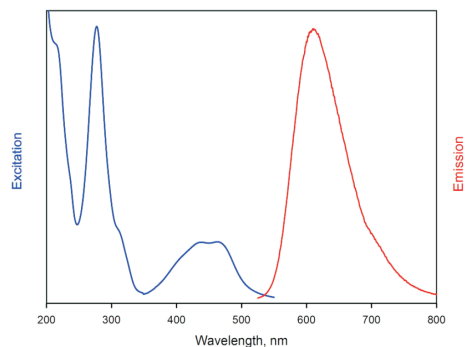
WARNING

The dye has optimal excitation at 302 and 470 nm, with an emission maximum at approximately 610nm.

Related products

WESTAR
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GREEN STAIN
Non-hazardous fluorescent stain for nucleic acid detection in gels
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Downloads: http://www.cyanagen.com/downloads/product-manuals#family-5

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CYANAGEN
Reagents for Molecular Biology

THE RIGHT LIGHT

RUBY GEL STAIN

Fluorescent stain for
protein detection in gels

03

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TECHNICAL DESCRIPTION

RUBY GEL STAIN is a ready to use kit for rapid and sensitive protein staining in 1D and 2D SDS polyacrylamide electrophoresis gels.

It enables optimal visualization and quantitation of proteins with high contrast and the same sensitivity as silver staining without its drawbacks.

The staining procedure is a simple 220 minutes, three step protocol.

After staining, proteins can be removed from the gel and analyzed by mass spectrometry without interference from the stain.

STORAGE CONDITIONS

Store at RT.

FEATURES

Pure
High purity of the dye: >98%.

Optimized
Hight signal to background ratio.

Powerful
Strong, uniform and reproducible signal from 0.2 ng to 10 ng protein.

Time-saving
Fast staining protocol (220 min).

Complete
Fixing and destaining solutions included in the kit.

RUBY GEL STAIN

QUICK START PROTOCOL

Fixing Step (60 minutes)
Incubate the gel in the Ruby Gel Stain Solution B for 1 hour using a rocker.

Staining Step (60 minutes)
Transfer the gel to a clean container and incubate it in the Ruby Gel Stain Solution A for 1 hour using a rocker. Wrap the staining container in aluminum foil to protect from direct light.

Destaining Step (80 minutes)
Transfer the gel to a clean container and destain it in Ruby Gel Stain Solution B for 80 minutes. Wrap the container in aluminum foil to protect from direct light.

Washing (20 minutes)
Transfer the gel to a clean container and equilibrate it for 20 minutes in deionized water and scan.