

For staining polyacrylamide gels

Silver Stain KANTO III



Kanto Reagents

What kind of reagents have you been using for staining polyacrylamide gels? Please try "Silver Stain Kanto III" which is a simple and fast kit for silver staining.

Fast staining

It takes only one hour to stain gels after electrophoresis, which is faster compared with conventional methods.

High sensitivity

The sensitivity for detection is 10-100 fold for proteins and 5-10 fold for nucleic acids compared with CBB method and Ethidium Bromide method, respectively.

High reproducibility

This kit provides the clearer staining image with high reproducibility.

Ready-to-use

This kit is ready-to-use only by dilution of each solution with de-ionized water.

Re-use after CBB staining

Gels stained with CBB can be re-stained using this kit.

Safety

Since sodium hydroxide or ammonia water is not used, there is no danger to generate explosive silver amide.



Kanto Kagaku

◆Components◆

Reagent	Principal component	content
A (Stock solution for amplification)	Dithiothreitol	200ml × 1
B (Stock solution I for staining)	Silver nitrate	200ml × 1
C (Stock solution II for staining)	Silicotungstic acid	200ml × 1
D (Stock solution I for development)	Formaldehyde	200ml × 1
E (Stock solution II for development)	Potassium sodium carbonate	200ml × 1
F (Termination solution)	Citric acid	200ml × 1

◆Procedure◆

Solution for fixation:

Mix methanol 50ml, acetic acid 10ml and de-ionized water 40ml.

Solution of amplification:

Mix Reagent A 5ml and de-ionized water 95ml.

Solution for staining:

Mix Reagent B 5ml, Reagent C 5ml and de-ionized water 90ml.

Solution for development:

Mix Reagent D 5ml, Reagent E 5ml and de-ionized water 90ml.

Solution for termination:

Reagent F is to be used as it is.

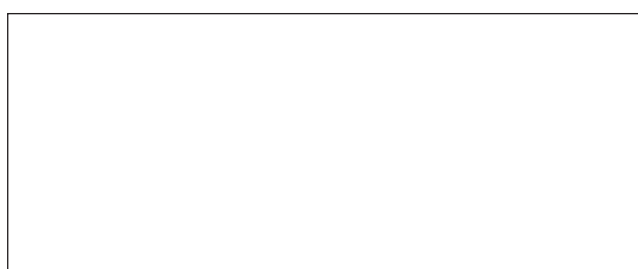
STEP	TIME
fixation	20 min
amplification	10 min
washing	10 min
staining	10 min
washing	1 min
washing	1 min
development	5-10 min
termination	10 min

◆Product◆

Cat. No.	Name	Size
37937-96	Silver Stain KANTO III	1 Kit (For 80x80mm 40gels)

◆Related products◆

Cat. No.	Name	Size
36535-96	Rapid CBB KANTO	1L



関東化学株式会社

試薬事業本部 試薬部

103-0023 東京都中央区日本橋本町3丁目11番5号 (03) 3663-7631
 541-0048 大阪府中央区瓦町2丁目5番1号 (06) 6231-1672
 812-0007 福岡市博多区東比恵2丁目22番3号 (092) 414-9361

<< <http://www.kanto.co.jp> e-mail: reag-info@gms.kanto.co.jp >>