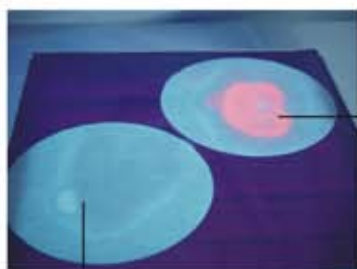


The MAGIC POWER!

Favorgen EtBr Destroyer destroys EtBr and SYBR Dye in hours.

Application I For EtBr

1. EtBr Destroyer Application for Solid EtBr Contaminant



Treatment of solid EtBr Contaminant

2. Favorgen EtBr Destroyer Bag Test

100 bp DNA marker runs on a 1.2 % agarose gel

Dip gel into 10 µg/ml EtBr solution for 10 minutes

Take pictures in UV box



Destain for 30 mins

Take pictures in UV box

A. Non-stain

B. Destain by dewater



C. Destain by 2L ddwater/ Destroyer Bag

D. Destain by 3L ddwater/ destroyer bag

Destain for another 30 mins

Take pictures in UV box

A. Non-stain

B. Destain by dewater



C. Destain by 2L ddwater/ Destroyer Bag

D. Destain by 3L ddwater/ destroyer bag

Effectiveness

EtBr Destroyer can destroy EtBr and SYBR Dye.

Fast

The EtBr solid contaminant can be destroyed within 5 min, and 2 liter of EtBr liquid contaminant can be destroyed within 30 minutes.

Specific

Two specific designs are for different needs: EtBr solid contaminant treatment and EtBr liquid contaminant treatment.

Economical

EtBr Destroyer sprayer content can be refilled after use up.

Safe

EtBr destroyer-treated EtBr containing buffer has been proved to be non-mutagenetic by AMES test.

Application II For SYBR Dye

1. EtBr Destroyer (Bag) application for SYBR Green I

Gel is stained by SYBR Green I for 30min



Destain by 3L H₂O for 30 min



Destain by 3L H₂O + Destroyer Bag For 30 mins



Take pictures



Destain by 3L H₂O for 30 min again



Destain by 3L H₂O + Destroyer Bag for another 30 mins



Take pictures

2. EtBr Destroyer (Sprayer) application for SYBR Green I

Gel is stained by SYBR Green I for 30min

Spray gel 3 times and wait for 30 minutes



wait for 30 minutes



Take pictures

Spray gel additional 3 times and wait for more 30 minutes



wait for another 30 minutes



Take pictures