

The MAGIC POWER!

Faovrgen EtBr Destroyer destroys EtBr and SYBR Dye in hours.

Application I For EtBr

1. EtBr Destroyer Application for Solid EtBr Contaminant



Non treatment of 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 10g/Eg/ml EtBr solution for 10 minutes

Take pictures in UV box



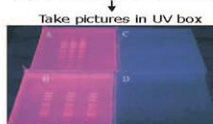
Destain for 30 mins



A. Non-stain
B. Destain by ddwater

C. Destain by 2L ddwater/ Destroyer Bag
D. Destain by 3L ddwater/ destroyer bag

Destain for another 30 mins



A. Non-stain
B. Destain by ddwater

C. Destain by 2L ddwater/ Destroyer Bag
D. Destain by 3L ddwater/ destroyer bag

IVD

APPROVED

Effectiveness : EtBr destroyer can destroy EtBr. This effect can be monitored and confirmed by UV light. Once destroyed, the fluorescence will disappear. The blocking of mutagenic effect of EtBr Destroyer has been demonstrated by Ames Test.

Fast : The EtBr solid contaminant can be destroyed within 5 min, and 2 liter of EtBr liquid contaminant can be destroyed within 30 minutes. (For 3 liter EtBr liquid contaminant, it will require 60 minutes.)

Specific : Two specific designs are for different needs: EtBr solid contaminant treatment and EtBr liquid contaminant treatment, i.e. the sprayer format and the ready pack format.

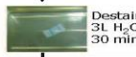
Economical : EtBr destroyer sprayer content can be refilled after use up. The cost is very economical.

Safe : Favorgen EtBr Destroyer has been demonstrated by Ames test to safely and effectively destroy EtBr without any mutagenic effect. The AMES test result data supports that the genotoxicity of EtBr contaminated solution, treated by both the Favorgen EtBr Destroyer Bag and Sprayer was reduced significantly and a negative result was determined.

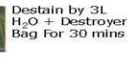
Application II For SYBR Dye

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



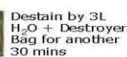
Destain by 3L H₂O + Destroyer Bag for 30 mins



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

Catalog No.	Description	Kit Size
FAEBD 001	EtBr Destroyer Bag	20 Bags/Box
FAEBD 001-1	EtBr Destroyer Bag	10 Bags/Box
FAEBD 001-5	EtBr Destroyer Bag	50 Bags/Box
FAEBD 002	EtBr Destroyer Sprayer	2 x Bottles 200ml each & 1x Sprayer Head
FAEBD 002-1	EtBr Destroyer Sprayer	2 Bottles of 200ml without Sprayer Head
FAEBD 002-2	EtBr Destroyer Sprayer	One Bottle of 1L
FAEBD 002-3	EtBr Destroyer Sprayer	2 bottles of 200ml & 2 x Sprayer Head
FAEBD 003	EtBr Destroyer-Bag & Sprayer	5 Bags, 1 X 200ml Bottle & 1X Sprayer Head