

De-staining Bags (T-Bag method) for Ethidium Bromide Removal

Product Description

Name :	De-staining Bags (T-Bag method) for Ethidium Bromide Removal	
Catalog Number :	BXOPS0, 10 bags pack	BXOPS1, 50 bags pack

Ethidium Bromide is a widely used intercalating dye for visualizing DNA and RNA in agarose and polyacrylamide gel electrophoresis (PAGE). To safely remove Ethidium Bromide from solutions, several methods are available. For large volumes, charcoal filters can remove most organic dye materials, while for smaller volumes, resin absorbent de-staining bags (T-Bags) are effective.

De-staining bags are designed to remove 5-6 mg of Ethidium Bromide from solution. Most buffers and aqueous solutions in molecular biology use Ethidium Bromide at a concentration of 10 mg/ml (concentrate), so each de-staining bag will remove the majority of the DNA/RNA nucleic acid stain from the solution.

The red color in solutions containing Ethidium Bromide is completely removed by the de-staining bags. If the solution is not colorless, Ethidium Bromide is still present. To ensure complete removal, simply add another de-staining bag until the solution becomes colorless.

Once the bags have absorbed the dye, they can be removed and either incinerated or disposed of as hazardous waste. The liquid solution, now free of stain, can be reused or safely disposed of into the municipal drainage system. De-staining bags can remove various dyes from solutions, including Ethidium Bromide, Coomassie Blue G250, and Coomassie Blue R250. Fluorescein dyes can also be removed in small mg quantities.

While removal takes minutes, achieving complete removal and a clear solution typically requires overnight or up to 24 hours, usually aided by gentle stirring with a magnetic stirrer bar.

Data/ DYE	Absorption A=285nm	% Removal
Ethidium Bromide (5mg/500ml)		
Time ZERO*	0.648	-
24 hours*	0.010	99.5%
Coomassie Blue G250 (5mg/500ml)	Absorption A=580nm	
Time ZERO*	0.634	-
24 hours*	0.031	99%



*to remove dyes from buffer solutions normally requires more de-staining bags than aqueous solutions . Stirring over 24 hours ensures complete removal of dyes from solution.

NT-BX0PS0

Related Products

- Ethidium Bromide Solution DNA Stain 10mg/ml (Dropper Bottle) #89244B 10ml
- Coomassie Blue G250 Protein Stain Product #BX0NS0 1000ml

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.

For any information, please ask : Uptima / Interchim; Hotline : +33(0)4 70 03 73 06

[Contact](#) your local distributor