

Ethidium Bromide 0.05%**Solution 0.5 mg/ml****Ref. EU0071**

Ethidium Bromide (EtBr) is widely employed for rapid visualization of nucleic acids in electrophoretic gels. EtBr intercalates with DNA and produces a fluorescent complex visible with the aid of UV light. EtBr is also a potent mutagen and has been termed 'moderately toxic'. The Extractor device was developed by Schleicher & Schuell as way to safely remove EtBr from nucleic acid staining buffer waste for easy disposal. It consists of two layers of specially formulated activated carbon filters sealed into a polypropylene housing. Using a simple vacuum filtration procedure, >99 % of EtBr is removed from up to 10 liters of staining solution through adsorption to the activated carbon matrix. The decontaminated filtrate can then be safely discarded down the drain.

CAS N°:	[1239-45-8]
Formula:	C ₂₁ H ₂₀ Br N ₃
MW:	394.3
Description:	Solution of Ethidium Bromide at 0.5 mg/ml in ultra-pure water (18.2MΩ) supplied in dropper vial.
Application:	Staining of nucleic acids in polyacrylamide or agarose gels Two drops are sufficient for a 100 ml gel
Storage:	Store at +4°C. Protect from light
Handling:	Danger. Use gloves. Avoid contact with skin, eyes and clothing. Avoid ingestion.

**Danger****H331** Toxique par inhalation.**H341** Susceptible d'induire des anomalies génétiques**P261** Éviter de respirer les poussières/ fumées/ gaz/ brouillards/ vapeurs/ aérosols.**P281** Utiliser l'équipement de protection individuel requis**P311** Appeler un CENTRE ANTIPOISON ou un médecin.

(Le produit n'est pas classifié selon le règlement CLP.)