

ITEMS SUPPLIED
Ethidium bromide de-staining bag Note: some bags come with an activation solution Follow manufacturers' protocols
Beaker, plastic 1 or 2 Litre; label 'Ethidium Bromide Waste'
Gloves / laboratory coat / safety glasses
Forceps



Disposal of ethidium bromide solution with a de-staining bag

1. Add one bag to your ethidium bromide waste solution from the staining of a gel (agarose or hPAGE).
2. A single de-staining bag will remove **5 mg** of ethidium bromide. Calculate the amount of ethidium bromide in your solution and change the bag after approximately **20 gels**.
3. The de-staining bag works by adsorption of the stain and will completely remove the pale orange colour due to the ethidium bromide.
4. When solution is colourless, dispose of the liquid in the normal way. Do not discard the de-staining bag; continue to use it until the 5 mg ethidium bromide limit or ~ 20 gels have been de-stained.
5. Replace with a new de-staining bag after ~ 20 gels have been de-stained and dispose of the used bag in accordance with your institution's regulations for hazardous waste.