

## Product Description:

Ethidium Bromide Dropper 1 mg/ml. 10 ml  
Cat no. BP451



Hazard classification. EINECS: 2149846, Disposal: 9, very toxic, irritant, RID/ADR: 6.1/25 a, UN 2811.

Ethidium Bromide is a widely used fluorescent stain for visualizing nucleic acids in solution or electrophoresis gels. At a concentration of 0.5µg/ml, it is useful in agarose or acrylamide gels for band detection of as little as 10 ng of nucleic acid at 312 nm.

### Specifications

- Biotechnology Grade
- $C_{21}H_{20}BrN_3$
- CAS 1239-45-8
- Purity >98.0%
- pH 8
- Concentration 0.1% in ultra pure water
- Storage: RT

### **Recommended use**

Always wear lab coat and gloves when handling ethidium bromide. Avoid contact with skin and refer to your institute safety precautions.

Ethidium Bromide provided in a dropper bottle makes dispensing the chemical safer and more convenient while maintaining consistent results.

Each drop contains 25 µg of ethidium bromide. Simply add one drop of the Ethidium Bromide solution per 50 ml gel solution (before gelation) and cast your gel as usual. For larger gels, simply add an additional drop for each additional 50 ml gel solution. For running gels with Ethidium Bromide in the running buffer, or stain gels following electrophoresis, the same dilutions apply.

**FOR RESEARCH USE ONLY**

**MSDS is available upon request.**