



## Ethidium Bromide

**(0.5mg/mL in Water) (in Dropper Bottle) [for Electrophoresis]**

### Product Information

Product No. : E1363

Volume : 10 mL

### Description

This product contain 0.5mg/mL Ethidium Bromide and can use as nucleic acid stain solution or electrophoresis buffer solution. Each drop contains 20 µg of Ethidium Bromide, so you can easily adjust the solution as final concentration. Convenient and safe to use because of dropper bottle.

### Storage

The product should be stored at 4 °C, protect from light.

### Related Products

E0370 Ethidium Bromide



## Description for Use

After electrophoresis, dilute an Ethidium Bromide solution to 0.5 µg/ml (see Table 1) with water or running buffer and incubate the gel for 15-30 min. Destaining is usually not needed. If you have to decrease background fluorescence, wash the gel in water for 15 minutes. In use of electrophoresis buffer solution, Ethidium Bromide incorporated into nucleic acid and can visualize band immediately by using UV transilluminator.

Table 1 : Dilution method of Ethidium Bromide

Ethidium Bromide (0.5mg/mL in Water)	Preparative solution	Concentration of Ethidium Bromide
1 drop	40 mL	0.5 µg/mL
1 drop	100 mL	0.2 µg/mL
1 drop	200 mL	0.1 µg/mL