

Elite 3-in-1 TAE Agarose Tablets

Cat N : NB-45-00075-1 size : 1 tablet

Elite 3 in 1 TAE Agarose Tablets contain everything necessary for an easy preparation of an agarose gel in desired gel percentage. Ideal for routine DNA and RNA gel electrophoresis and blotting assays. The used stain (Magnite Green DNA stain) is a safer, non-carcinogenic alternative to Ethidium bromide.

- Prepare your gel in minutes, all you need is water!
- Ready-to-Use tablet format – No messy weighing and improved gel-to-gel reproducibility
- Elite 3 in 1 TAE Agarose Tablets contain Ultrapure Agarose, TAE powder and Magnite Green DNA stain*

*Magnite Green DNA stain emits green fluorescence when bound to DNA or RNA. It has two secondary fluorescence excitation peaks (~270 nm; ~290 nm) and one strong excitation peak centred around 490 nm. The fluorescence emission is centred at ~530 nm. Thus, Magnite Green DNA Stain is compatible with a wide variety of gel reading instruments.

Protocol

- Soak the tablet in the water for 3 minutes (or until it is dissolved) before heating. **DO NOT** use hot water to dissolve the tablet. **DO NOT** add any buffer.
- Heat the solution until it is clear and visually all the particles are dissolved
- Cool the solution approximately to 60°C before pouring it out
- Run the gel in TAE running buffer

Gel %	1 tablet	2 tablets
0.8%	81 ml water	162 ml water
1%	65 ml water	130 ml water
1.2%	54 ml water	108 ml water
1.5%	43 ml water	86 ml water
2%	32.5 ml water	65 ml water

Store at room temperature and protected from light.