

## Elite 2-in-1 Agarose Tablets Datasheet

Protein Ark Elite 2 in 1 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, just add buffer!
- Ready-to-Use tablet format – No messy weighing and improved gel-to-gel reproducibility
- Elite 2 in 1 Agarose Tablets contain Ultrapure Agarose 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 running buffer for 1-3 minutes (or until it is dissolved) before heating. **DO NOT** use hot buffer to dissolve the tablet.
- 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 used running buffer and detect bands under Blue light or UV illuminator

Gel %	1 tablet	2 tablets	3 tablets
1%	50 ml	100 ml	150 ml
1.5%	33 ml	66 ml	100 ml
2%	25 ml	50 ml	75 ml

Store at room temperature and protected from light.

### Ordering Information

Name	Pack Size	Product Code
Elite 2 in 1 Agarose Tablets (100 pcs)	100 pcs	PAL-E-2in1-100
Elite Agarose Tablets, not premixed (100 pcs)	100 pcs	PAL-E-AG-100
Elite 3 in 1 TBE Agarose Tablets (75 pcs)	75 pcs	PAL-E-3in1-TBE
Elite 3 in 1 TAE Agarose Tablets (75 pcs)	75 pcs	PAL-E-3in1-TAE