To Use: Extrude agarose from GelSyringe carefully and slice plugs from the end with a sharp blade. One plug is sufficient for one lane of a gel. Place the plug at the front of the well and seal with molten agarose. Allow no bubbles to form.

Plug Sizes: Recommended plug size is 20 µl (two small graduations on the syringe volume scale), which contains approximately 1 µg of DNA. Each syringe yields 25+ plugs.

The photograph represents the pulsed field gel separation of Yeast Chromosomes using a CHEF apparatus. The 1% agarose gel was run at 6 volts/cm using pulse times of 70 seconds (15 hours) and 120 seconds (11 hours) at 15°C in 0.5X TBE buffer (50 mM Tris-HCl, 50 mM boric acid, 1 mM EDTA) made with Milli-Q™ water, allowing resolution of 15 of the 16 Yeast Chromosomes. Chromosomes VII and XV appear as a single band. Chromosome XII may display anomalous electrophoretic behavior.
References: