**0.5 M EDTA pH 8.0 (500 mL)**

Add 400 mL of distilled water and a stir bar to a 1 L-beaker, stir

Turn the heat on 95 degrees Celsius

Add 93 g EDTA (E399-500G Sigma Aldrich)

 10 g NaOH (S5881-1KG Sigma Aldrich)

Continuously monitor the pH while the EDTA salt is dissolving

Add about 1.5 g NaOH pellets until the pH is 8.0 and everything is dissolved

Adjust volume with distilled water to 500 mL and stir a little more

Fill into a 1 L-bottle, then autoclave