

0.5M EDTA (Ethylenediaminetetraacetic acid), pH 8.0 (500 mL)

0.5 M EDTA	93.1 g
NaOH (pellets)	~10 g

Add in the EDTA to 350mL of ddH₂O – EDTA will not dissolve until a certain pH is reached. Add half of the NaOH pellets and allow them to dissolve. Use the pH meter to monitor continuously, adding a few pellets at a time until the pH reaches 8.0. Bring final volume to 500mL with ddH₂O. Filter sterilize, store at RT.