**10 x PBS (2 L)**

Add 1800 mL of distilled water and a stir bar to a 2 L-beaker, stir

Add 21.4 g K2HPO4 (P2222-1KG Sigma Aldrich)

10.3 g KH2PO4 (P5655-1KG Sigma)

163.6 g NaCl (S3014-5KG Sigma)

Adjust volume to 2 L and stir a little more

Fill into 1 L-bottles with about 600 mL, then autoclave

Note: The pH is at around 6.5 now. Later, the 1:10 dilution will cause the pH to go up to 7.0 - 7.2. This is where it should be.