

## Queen's Lysis Buffer

### Recipe:

0.01 M Tris

0.01 M NaCl

0.01 M EDTA

1% n-lauroylsarcosine

pH 8.0

### Step 1: Make stock solutions (1 Liter each)

0.01 M Tris                      add 10 mL of 1M Tris-HCl to 990 mL water

0.01 M NaCl                    add 0.5844 g NaCl to 1000 mL water

0.01 M EDTA                  add 200 mL of 0.5 M EDTA to 800 mL water

### Step 2: Make 1 Liter of Queen's Lysis Buffer in flask with magnetic stirrer on warmer

0.01 M Tris                      333 mL

0.01 M NaCl                    333 mL

0.01 M EDTA                  333 mL

n-Lauroylsarcosine salt   1 g              Tip: may need to warm to dissolve the salt. Adjust pH as well.

Adjust the pH to 8.