

Making Media

Lab buffers and thermocycler protocols

Buffers

4x Laemmli protein loading buffer

62.5 mM Tris (base)

10% glycerol

1% SDS

.005% bromophenol blue

pH 6.8

100uL BME fresh + 900 uL buffer

Terrific Broth

12g/L tryptone

24g/L yeast

4ml/L glycerol

YPD

10g/L Yeast Extract

20g/L peptone

20g/L dextrose

2xYT

16g/L Tryptone

10g/L yeast extract

5g/L NaCl

1x Lysis Buffer

6.3g urea

0.438g NaCl

To 15mL to with pH 7 PBS

+0.5uL DNase

+15mg Lysosome

IMAC

pH 8.0

50mM NaPO₄ (7.1g)

.2M NaCl (11.59g)

10% glycerol (100mL)

25mM Imidazole (1.71g)