

**Dialyze or dilute proteins/DNA/RNA/etc. into Injection Buffer
for injection into cells:**

Injection Buffer

100 mM Glutamic acid

140 mM KOH

1 mM MgSO₄

1 mM DTT

pH 7.2

To prepare 1L:

14.7 g Glutamic acid (free)

7.85 g KOH

1 ml of 1 M MgSO₄ (or 0.25 g powder)

1 ml of 1 M DTT (or 0.15 g powder)

pH to 7.2 with 1 M citric acid (doesn't take much!)

1 M Citric Acid (FW=38.14)

19.07 g/500 ml