



*Suggestions or questions to:  
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### **Tyrodes Cell Buffer (T--)**

	<u>For 1 liter</u>
135 mM NaCl	7.889g
5 mM KCl	0.3773g
1 mM MgCl <sub>2</sub>	0.095g
1.8 mM Ca Cl <sub>2</sub>	0.265g (*2H <sub>2</sub> O)
20 mM Hepes	4.766g

PH to 7.4 and filter to sterilize.

For TGB add in:

5 mM Glucose

0.5% (w/w) BSA (bovine serum albumin)

For TGG add in:

5 mM Glucose

0.1% (w/w) gelatin

Cells are typically happy in TGB or TGG for ~ one hour.

T-- solutions can be stored for extended periods of time without refrigeration. Glucose and protein should be added on the day of use or TGB/TGG aliquots can be stored frozen.