

Experiment AM-1: Skeletal Muscle, Weight and Work

Warning: *The muscle preparation used in this experiment is functional for a limited period of time. If the muscle is bathed periodically in Ringer's solution, it will work for about four hours. To conserve time, complete all the exercises in the experiment before analyzing the data.*

Appendix

Amphibian Ringer's Solution

Concentration (mMolar)	Salt	Grams/Liter DI H ₂ O
111.0	Sodium Chloride	6.49
1.9	Potassium Chloride	0.142
1.06	Calcium Chloride*2H ₂ O	0.156
1.0	Tris	0.121
5.55	Glucose	1.00
Adjust pH to 7.6 with 6N HCl		