

Cardiotoxin Injection Protocol

Cardiotoxin is purchased from CalBiochem Cat#217504 (1 mg)

Stock solution: 10 μ M dissolve in 13.9 ml of PBS and filter through a 2 μ filter (store at 4°C up to 6 months).

Procedure

1. Restrain the hindlimb and shave to remove hair.
2. Wet hindlimb with 70% ethanol.
3. Inject 0.1 ml of 10 μ M cardiotoxin intramuscularly into the belly of tibialis anterior muscle(s).
4. Six hours before harvesting, inject BrdU (Sigma B5002) (500 mg/kg at 1 mg/ μ l in normal saline) i.p.
5. Harvest muscle at day 1, 2, 3, 5, 10 and 14.