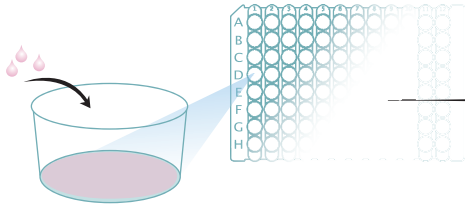
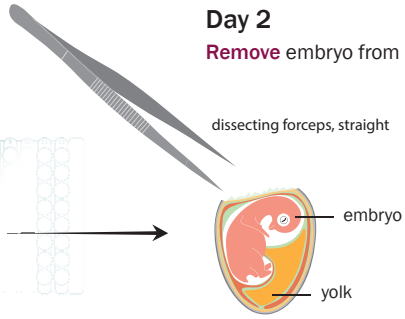
Day 1

Prepare cell culture plates by coating with Mouse Laminin I or Bovine Fibronectin Protein.

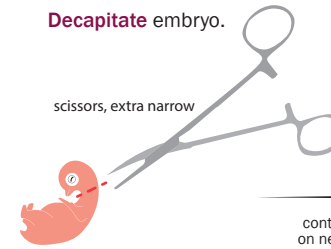


Day 2

Remove embryo from egg .

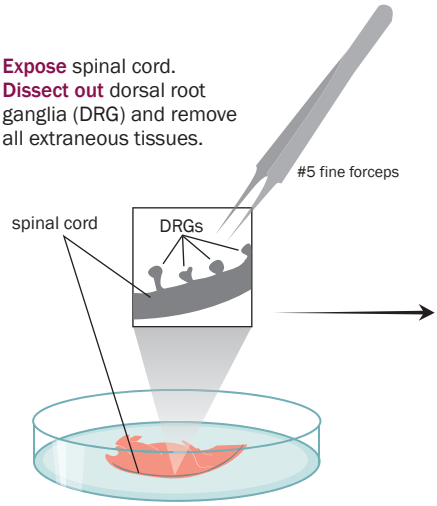


Decapitate embryo.

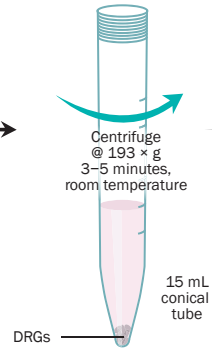


continued on next line

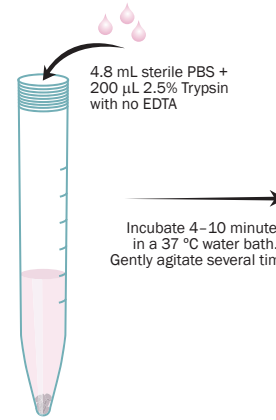
Expose spinal cord.
Dissect out dorsal root ganglia (DRG) and remove all extraneous tissues.



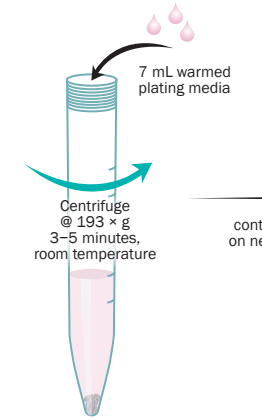
Collect cleaned DRGs in cold dissection media.
Centrifuge. **Decant** supernatant.



Resuspend DRGs.
Mix by gentle agitation.

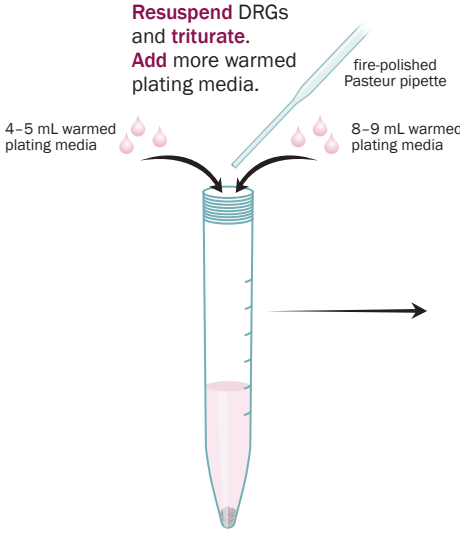


Add warmed plating media.
Centrifuge. **Decant** supernatant.

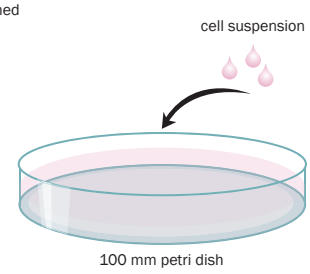


continued on next line

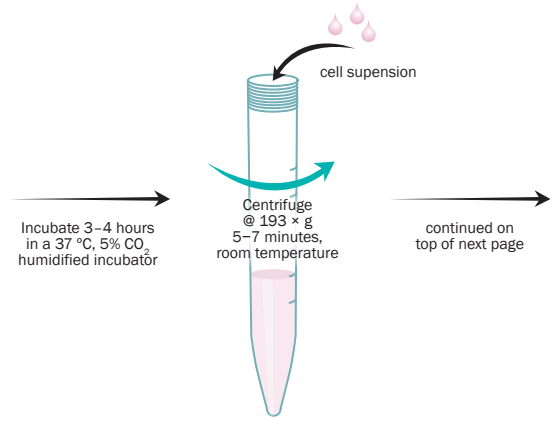
Resuspend DRGs and **triturate**.
Add more warmed plating media.



Transfer cell suspension.

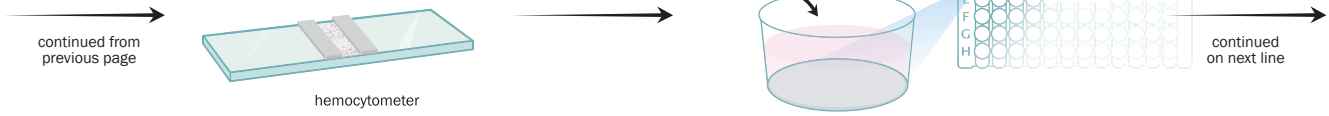


Transfer DRG neurons.
Centrifuge. **Decant** supernatant.



continued on top of next page

Resuspend DRGs neurons in 2–5 mL warmed culture media. **Count** cells.



Reconstitute DRG neurons with warmed culture media. **Seed** neurons onto Laminin I/Fibronectin-coated cell culture plates.

Culture DRG neurons for desired amount of time. **Exchange** media every 3–4 days.