

Section Mounting Protocol

Solutions needed

1x PBS *as needed*
PBS-Tx 0.4% *as needed*

Materials needed

Glass petri dish	Subbed slides
Paintbrush	Superfrost marker OR pencil
Paper towel	Tinfoil (to cover slides)

Protocol

1. Pour 1x PBS into a glass petri dish. Add a splash of PBS-Tx 0.4% (a detergent) so that the sections will be able to move more easily over the slides without sticking.
2. Label each slide – using a superfrost marker or pencil – with the bird ID, slide number, tray number, date, and your initials.
3. Using a paintbrush, scoop out a section from well 1 and place in the petri dish.
 - a. Move the paintbrush under the section and lift up to grab the section.
4. Use the paintbrush to wet the slide and gently guide the section onto the slide.
5. Arrange the section so that the cerebrum is vertical and the cut corner is on the top left.
6. Place the sections in the order they were cut and in the same order as they are in the tray.
7. Leave slides on paper towel to dry (~15 mins). They should be covered with tinfoil while drying to minimize their exposure to light.
8. Place dry slides in a labeled slide box. The slide box label should match the slide label.
9. Store in the fridge at 4°C.