



Protocol for preparation of frozen tissue sections

Preparation of tissue

Incubate tissue in 4% PFA + 10%/PBS sucrose at room temperature for 30-60 minutes.

Transfer the tissue to 30% sucrose/PBS. Incubate the tissue overnight in the fridge.

Mount the tissue in the OCT and freeze down carefully with liquid nitrogen or in isopentane that has been cooled down in liquid nitrogen. You can also use isopentane that has been cooled down with dry ice. Store the tissue at -80°C until sectioning.

Cryosections

Cut 10 um sections and let air dry for 30-120 min. Store the slides at -20°C until staining.

Acetone fixation

Take out the slides from the freezer and put immediately in 100% acetone at room temperature.

for 10 minutes. Air dry, draw hydrophobic rings around the tissue sections with a PAP pen.