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Striatal Punch Collection

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We use this protocol and it's working

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Abstract

This protocol describes how to collect striatal punches from fresh frozen mouse brain tissue for HPLC analysis.



Striatal Punch Collection

- 1 Sacrifice mice with CO₂, rapidly remove the brain, and freeze in superchilled isopentane on dry ice. Store brains at -80°C until ready to collect tissue.
- 2 Embed brains in OCT, and mount on a cryostat. Trim until the striatum, then take punches from the dorsal striatum using a pipette tip cut to 1mm in diameter.
- 3 Store striatal punches at -80°C until ready to ship for analysis. Ship on dry ice.