

Accuris™ 1 Hour Mammalian Genotyping Kit



- **DNA extraction and amplification in an hour**
- **Proprietary lysis buffer optimized for ear punches, tail snips and other mammalian tissues**
- **Single tube - no organic solvents or clean up procedures**
- **Enhanced Accuris Hot Start Taq Polymerase Master Mix included**

Lanes 1, 2 and 3 compare the Accuris 1 Hour Mammalian Genotyping Kit with traditional methods for 3mm mouse tail snips. Lane 1 - Accuris Kit, 1 hour workflow. Lanes 2 and 3 - traditional Proteinase K digestion and PCR with Taq polymerase mix, overnight incubation. Lanes 4-7 - Replicate PCR amplification from mouse ear tissue (2.5mg) using the Accuris kit showing reproducibility.



Traditionally, mouse genotyping protocols have involved Proteinase K digestion, neutralization, organic extraction and lots of hands on time to get PCR-ready DNA. The Accuris 1 Hour Mammalian Genotyping Kit is quick and easy - add sample to the proprietary buffer and incubate for 5-10 minutes, then add the deactivation buffer and incubate for 10 minutes. The crude lysate can be amplified using fast PCR and Accuris Hot Start Taq Master Mix with red loading dye (included). The kit contains everything needed - just add sample and primers.

Item No.	Description	Reactions
PR1300-MG-80	Accuris 1 Hour Mammalian Genotyping Kit	80
PR1300-MG-400	Accuris 1 Hour Mammalian Genotyping Kit	400

