

Anatomically realistic silicone training tools for rodent tail vein injection and blood collection, three models (ICR mouse, C57BL/6 mouse, rat) with authentic tactile feedback, over 100 uses each, and no animal ethics approval required.

SPECIFICATIONS

Models	White Mouse (ICR), Black Mouse (C57BL/6), Rat
Internal veins	2 per simulator
Rat tail length	180 mm
Rat vein diameter	1.0 mm (base) → 0.5 mm (tip)
Usable life	>100 punctures (varied injection sites)
Kit contents	1 simulator, 5 winged needles, 2 blunt needles
Simulated blood	Simulated blood sold separately

FEATURES

- ▶ Three models: White Mouse (ICR), Black Mouse (C57BL/6), Rat (10-week-old)
- ▶ Two internal tail vein tubes and simulated tailbone in each model
- ▶ Anatomically accurate silicone replicating skin texture, scale, and colour
- ▶ Visual vein feedback when loaded with simulated blood (sold separately)
- ▶ Authentic tactile feedback: correct needle entry produces a detectable 'pop'
- ▶ Rat model: 180 mm tail, graduated vein diameter 1.0 mm (base) → 0.5 mm (tip)
- ▶ Self-repairing silicone: small punctures close after cleaning and drying
- ▶ More than 100 uses per simulator (with varied injection sites)
- ▶ Kit includes 5 winged needles and 2 blunt needles
- ▶ Fully compatible with Humaneway Rodent Restraint Devices and Laboratory Needles
- ▶ No ethics approval or institutional approval required for training use

APPLICATIONS

- ▶ Staff onboarding and competency training in tail vein injection
- ▶ Blood sampling technique training for pharmacokinetic studies
- ▶ Institutional 3Rs training programs
- ▶ Ongoing competency assessment without animal use
- ▶ C57BL/6-specific technique training (black model)
- ▶ Rat tail vein procedure training
- ▶ Paired use with Humaneway Restraint Devices to simulate complete procedural workflow