

COBRE: Behavior Core Services

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| General Behavioral | Observational | <ul style="list-style-type: none"> • Bodyweight Analysis • Rat Experimenter Handling |
| | Function | <ul style="list-style-type: none"> • Open Field Locomotor Activity • Gait Analysis • Grip Strength • Coordination (RotoRod) |
| Pain/Sensory Testing | Thermal | <ul style="list-style-type: none"> • Plantar test (Infrared and UV) • Hot Plate (Radiant) • Tail-flick (Radiant and Immersion) • Cold allodynia (Cold Plate, Acetone) |
| | Mechanical | <ul style="list-style-type: none"> • von Frey (Automatic or Manual) |
| | Chemical | <ul style="list-style-type: none"> • Capsaicin Sensitization • Formalin, Carrageenan, CFA • Misc. (Acetic Acid) |
| Additional Neurobehavioral Assays | Psychiatric | <ul style="list-style-type: none"> • Open Field • Elevated Plus maze • Forced Swim Test • Tail Suspension |
| | Addiction Liability | <ul style="list-style-type: none"> • IV Self Administration • Place Preference • Tolerance/Dependence |
| | Learning and Memory | <ul style="list-style-type: none"> • Spatial Memory (Morris Water Maze) • Fear Conditioning/Passive Avoidance • Novel Object Recognition |
| Miscellaneous | GI Transit | <ul style="list-style-type: none"> • GI Transit (charcoal) |
| Surgeries | Neuropathic Pain | <ul style="list-style-type: none"> • Sciatic Nerve Ligation |
| | Post-Surgical Models | <ul style="list-style-type: none"> • Plantar Incision • Bone Injury (Calcaneus Bone) • Ovariectomy |
| | Catheterizations/Cannulations | <ul style="list-style-type: none"> • Intravenous/Arterial • Intracerebroventricular • Intrathecal |
| Dosing | Systemic | <ul style="list-style-type: none"> • Subcutaneous • Intraperitoneal • Pellet Implant • Intramuscular • Intravenous • Oral gavage |
| | Central | <ul style="list-style-type: none"> • Intracerebroventricular • Intrathecal |
| | Localized | <ul style="list-style-type: none"> • Osmotic Mini-pumps • Pellets and Sustained Release preparations |