

Intox

Safety Assessment



Industries we serve

Pharma/ Biotech | Medical Devices | Plant Protection | Industrial Chemicals | Nutraceuticals

Regulatory Compliances



Test systems and routes of administration

Test Species

- Rats, mice, guinea pigs, rabbits, hamsters
- Dogs and Non-Human Primates, available through our collaborating test facilities

Routes of Administration

- Oral (gavage & dietary), dermal, inhalation, parenteral (IV/SC/IM/ID)
- Other – Intranasal, ocular, intra-vitreous, otic, intra-articular;
- Implantation

Bioanalytical / Bioassay Solutions

- Single/Repeated Dose Pharmacokinetics
- Toxicokinetics
- Immunogenicity (ADA)
- Immunotoxicology
- Biomarkers
- Acute Phase Proteins
- Biodistribution/Persistence

Bioanalytical Techniques

- LC-MS (liquid chromatography-mass spectrometry)
- GC-MS (gas chromatography-mass spectrometry)
- HPLC (high performance liquid chromatography)
- Ligand binding assay (LBA) Platforms- ELISA and Meso Scale Discovery (MSD)

Studies offered

Mutagenicity

- In-vitro / in-vivo studies
- Gene mutation - Bacterial (Ames test); mammalian cells
- Chromosome Aberration; Micronucleus Test

Acute Toxicity

- Acute oral, dermal, inhalation toxicity;
- Acute dermal & eye irritation/ corrosion; Mucous membrane irritation;
- Skin sensitization - Buehler, GPMT, LLNA

Subchronic / Chronic Toxicity / Carcinogenicity

- 7-day (DRF), 14-day, 28-day, 90-day, 180-day and 12-month repeat dose studies
- 18-month/24-month carcinogenicity bioassays
- Implantation studies on medical devices

Reproductive Toxicity

- Fertility, Developmental toxicity, One/Multi-generation studies

