



Globally trusted premier Toxicology GLP Contract Research Organization



General
Toxicology



Biologics
Testing



Carcinogenicity
Studies



Genetic
Toxicology



Reproductive
Toxicology



In Vitro
Toxicology



Safety
Pharmacology



Medical
Device
Testing



Ecotoxicology

30 years of GLP

200+ Biocompatibility Tests

65+ Carcinogenicity Studies

25,000+ Regulatory Studies

70+ Investigational New Drug Applications

Exploratory Development Studies

- Mini Ames
- Mini hERG (hERG screening)
- Dose range finding studies
- Screening CVS function in telemetered dogs

Genetic Toxicology (GLP)

- **In Vitro Mutagenicity**
 - Ames test
 - Chromosomal aberration test
 - Mammalian gene mutation test
 - Micronucleus test
- **In Vivo Mutagenicity**
 - Micronucleus test
 - Chromosomal aberration test

Safety Pharmacology

- hERG assay
- Pulmonary function (Rats)
- Modified Irwin test/Functional observation battery in rats (FOB-Rats)
- CVS function assessment using telemetered dogs

General Toxicology (Rodents & non-rodents)

- Single dose studies
- Repeated dose sub-acute and sub-chronic studies (7,14,28 & 90 days)
- Chronic toxicology studies (6,9 & 12 months)
- Combined chronic and carcinogenicity studies
- Carcinogenicity studies in rodents and transgenic mouse models

Development and Reproduction Toxicology

- Segment I - fertility studies
- Segment II - embryo-fetal studies
- Segment III - perinatal and postnatal studies
- Extended one-generation reproduction toxicity studies
- Juvenile toxicity studies

Immunotoxicology

- Immunotoxicity assay humoral response
- LLNA - skin sensitization

Neurotoxicology

- Neurohistopathology
- Extensive functional observation battery (FOB) tests

Ecotoxicology

- Aquatic toxicology
- Avian toxicology
- Terrestrial toxicology
- Insect toxicology
- Bio-degradation
- Activated sludge

In Vitro Studies

- Episkin-skin irritation test
- Episkin- skin corrosion test
- In vitro skin sensitization
 - Direct peptide reactivity assay (DPRA)
 - KeratinoSens
 - Human cell line activation test (h-CLAT)
- EpiOcular
- The bovine corneal opacity and permeability

Medical Devices Testing (ISO 17025 & GLP)

We offer full scope of testing as per ISO 10993 regulatory guidelines

- Cytotoxicity
- Genotoxicity test
- Hemocompatibility
- Sub/acute and chronic systemic toxicology studies
- Sensitization test
- Irritation test
- Systemic toxicity testing
- Ocular biocompatibility test
- Implantation test
- Cytotoxicity test of contact lenses

1st

GLP test facility in India



BfR German Health Ministry (1992-2011)



W&V The Netherlands (1999-2011)



Indian GLP Authorities (since 2005)

1st

OECD Certified facility in India

India received full adherent status to Mutual acceptance of Data from the OECD in March 2011



BETTER POLICIES FOR BETTER LIVES



1st

Test facility to be audited by the **USFDA** for **GLP studies** submitted as part of an IND



(2012 and 2016)



1st

AAALAC accredited animal house facility in India



(since 2001)



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