

Price List - 2025

Toxicology Testing Services

Acute Toxicology Studies - GLP

Acute Oral Toxicity - Up & Down Procedure (UDP) – OCSPP 870.1100 / OECD TG 425

Limit Test 3 to 5 rats\$2700
Each additional rat\$560

Acute Oral Toxic Class Determination

– OECD TG 423

Standard study – 6 rats\$2800
Each additional group of 3 rats\$950

Acute Dermal Toxicity/LD₅₀ in Rats

– OCSPP 870.1200

Limit Test: (5M + 5F)\$2600
LD₅₀: Each additional dose level of 5 animals ..\$1950

Acute Dermal Toxicity (Fixed-Dose Procedure)

– OECD TG 402

3 rats\$2300
Each additional rat\$550

Acute Dermal Irritation and Corrosion

– OCSPP 870.2500 / OECD TG 404

1 rabbit corrosion test\$1375
3 rabbits – 3 days\$2380
(Pricing is for 3 days, each additional day is \$95)

Acute Eye Irritation/Corrosion – OCSPP 870.2400

1 rabbit – 3 days\$1915
3 rabbits – 3 days\$2515
(Pricing is for 3 days, each additional day is \$95)

Dermal Sensitization – Buehler Method

– OCSPP 870.2600 / OECD TG 406

20 test, 10 naïve, and 4 screen animals \$14100
Each rechallenge\$2100

Guinea Pig Maximization Test (GPMT)

– OECD TG 406

20 test, 10 naïve, and 6 screen animals \$17400
Each rechallenge\$3500

Local Lymph Node Assay – OECD TG 442B

1 Test Article\$9700
2+ Test Articles (tested in parallel¹)\$9100
Each additional group (test or control)\$2500
Quantitative Irritation Test – (6 dose QIT)\$2200

Custom Protocols available

Flow Cytometry / Biomarkers

Immunophenotyping / ELISA

ISO 10993 and FDA studies

In Vitro Regulatory Studies - GLP

Bovine Corneal Opacity & Permeability (BCOP) – OECD TG 437

1 Test Article\$2900
2 Test Articles (tested in parallel)¹\$2400
3+ Test Articles (tested in parallel)¹\$1800

EpiOcular™ Eye Irritation Test (EIT)

– OECD TG 492

1 Test Article\$3520
3+ Test Articles (tested in parallel¹)\$1760

Corrositex® – OECD TG 435

1 Test Article\$1500
2 to 5 Test Articles (tested in parallel¹)\$1200
6+ Test Articles (tested in parallel¹)\$1000

EpiDerm™ Skin Corrosion Test (SCT)

– OECD TG 431

1 Test Article\$3810
3+ Test Articles (tested in parallel¹)\$1905

EpiDerm™ Skin Irritation Test (SIT)

– OECD TG 439

1 Test Article\$4280
3+ Test Articles (tested in parallel¹)\$2140

Ames Bacterial Reverse Mutation Assay

– OECD TG 471

Cytotoxicity Screen and Main Test (5 Strains) ..\$8300
Confirmatory Assay – 5 Strains\$6300
Confirmatory Assay – 2 Strains\$4100

3T3 Neutral Red Uptake Phototoxicity Test

– OECD TG 432

1 Test Article\$5600
2+ Test Articles (tested in parallel¹)\$4200
UV-Vis Absorption Spectrum\$1200

Human Cell Line Activation Test (h-CLAT)

– OECD TG 442E

1 Test Article\$9400
3+ Test Articles (tested in parallel¹)\$8400

KeratinoSens – OECD TG 442D

1 Test Article² (Call for GLP)\$7400
3+ Test Articles² (tested in parallel¹)\$6800

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¹Discounted prices are priced per test article. Additional discounts available. Multiple test articles tested in parallel must be under one project number with the results included in one report. | **NOTE:** Based on the use of MBRL's standard protocols, procedures, and report formats. The change from standard to customized protocols and/or report formats result in additional charges. ²Non-GLP study.

In Vitro & Alternative Toxicity Tests

Eye Safety

- *In Vitro* Eye Irritation Test (EIT)
- Hen's Egg Test Chorioallantoic Membrane (HET - CAM)
- Chorioallantoic Membrane Vascular Assay (CAMVA)
- Bovine Corneal Opacity & Permeability (BCOP) Test
- Porcine Corneal Opacity Reversibility Assay (PorCORA)
- EpiOcular™
- Ocular Irritation®

Skin Safety

- Corrositex®
- *In Vitro* Skin Irritation Test (SIT)
- *In Vitro* Skin Corrosivity Test (SCT)
- Dermal Irritation®

Cytotoxicity

- Agar Overlay
- MEM Elution
- Cell Proliferation
- Neutral Red Uptake Assay

Skin Sensitization

- *In Vitro* Sensitization Assay (IVSA)
- Human Cell Line Activation Test (h-CLAT)
- Direct Peptide Reactivity Assay (DPRA)
- KeratinoSens™ (ARE-Nrf2)
- GARD®skin, GARD®potency
- Mouse Ear Swelling Test (MEST)

Regulatory Toxicity Tests

EPA, OECD, DOT, FHSA, FDA, CPSC

- Oral Toxicity
- Dermal Toxicity
- Inhalation Toxicity
- Eye Irritation / Corrosion
- Dermal Irritation / Corrosion
- Local Lymph Node Assay (LLNA) Optional Immunophenotyping
- Guinea Pig Maximization Test (GPMT)
- Guinea Pig Buehler Method

ISO / USP

- Dermal Irritation
- Implantation
- Intracutaneous Irritation
- Acute Systemic Toxicity
- GP Maximization Test (GPMT)
- GP Buehler Method
- Comedogenicity Assay
- Mucosal Irritation
- Pyrogenicity
- Cytotoxicity via MEM Elution
- Cytotoxicity via Agar Overlay
- Wound Healing Studies

Genotoxicity Assays

- Ames Test
- Unscheduled DNA Synthesis via Flow Cytometry (FLUDS) Assay

Phototoxicity Assays

- 3T3 Neutral Red Uptake Phototoxicity Test (3T3 NRU PT)
- Photo-Local Lymph Node Assay (Photo LLNA)
- EpiDerm™ Phototoxicity Assay (EPARS)
- Photo-Mouse Ear Swelling Test (Photo-MEST)
- *In Vivo* Photo-Irritation/Toxicity

Mechanistic Assays

- Inflammatory Cytokine release / Oxidative Stress / Anti-Angiogenesis Assay
- Nitric Oxide Synthase Activity
- *In Vitro* Testing with Cytokine Endpoints
- Other ELISA and Mechanistic Assays
- Peroxide Production (Lipid Peroxidation)
- Tyrosinase Activity/ Inhibition Assays
- GARD®air—respiratory sensitization

Other

- Pharmacokinetic/Toxicokinetic
- Emesis Model
- Intranasal Studies
- Maximum Tolerated Dose