



TOXICITY TESTS: ANIMAL VS IN-VITRO

Type of Toxicity

Study Cost (£ GBP)

Genetic toxicity

Chromosome aberration

animal test £25,000 / in vitro test £16,500

Sister chromatid exchange

animal test £18,200 / in vitro test £6,600

Unscheduled DNA synthesis

animal test £26,500 / in vitro test £9,100

Eye irritation/corrosion

Draize rabbit eye test

animal test £1,500

Bovine corneal opacity and permeability (BCOP) test

in vitro test £1,150

Draize rabbit skin Skin corrosion test

animal test £1,500

EpiDerm™ human skin model

in vitro test £700

CORROSITEX® membrane barrier

in vitro test £400

Skin sensitisation

Guinea pig maximisation test

animal test £5,000

Local lymph node assay (LLNA)

reduction alt. £2,480

Phototoxicity

Rat phototoxicity test

animal test £11,500

3T3 neutral red uptake test

in vitro test £1,070

VISIT  CBUK OR OUR WEBSITE FOR DETAILS: www.thecampbeagle.co.uk



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Type of Toxicity

Study Cost (£ GBP)

Embryotoxicity

Rat developmental toxicity test

animal test £41,100

Rat limb bud test

in vitro test £12,400

Non-genotoxic cancer risk

Rat 24-month cancer bioassay

animal test £579,800

Syrian hamster embryo (SHE) cell transformation test

in vitro test £18,200

Pyrogenicity

Rabbit pyrogen test

animal test £410-920

Limulus amoebocyte lysate (LAL)

1st gen in vitro £70-£140

Human blood method (Endosafe-IPT)

2nd gen in vitro £68-£83

Estrogen hormone interactions

Rat uterotrophic assay (OVX)

animal test £24,500

Subcellular receptor-binding assay

in vitro test £5,960

Androgen hormone interactions

Rat Hershberger assay

animal test £30,600

Subcellular receptor-binding assay

in vitro test £6,040

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