

ToxTracker® Xpress

Do you need your genetic toxicology data as soon as possible to enable rapid and informed decision making? Toxys now offers the ToxTracker Xpress service. In this package we will fast-track the ToxTracker analysis for your compounds. Receive a full ToxTracker report **within 3 working days** for a maximum of 4 compounds.

Fast

Genotoxicity profiling of your compounds in 3 days.

Reliable

Cytotoxicity and genotoxicity assessment over a wide range of concentrations in three biologically independent repeat tests.

Extensive Mechanistic Understanding

Receive a full ToxTracker report with information about the induction of DNA damage, oxidative stress and/or protein damage.



Study Design

- Compounds are tested in 6 reporter cell lines for DNA damage, oxidative stress and protein unfolding
- Compounds are tested in 10 serial concentrations in 2-fold dilution steps
- Compounds are tested in absence and presence of S9 liver extract
- Standard included controls: cisplatin (DNA damage), diethyl maleate (oxidative stress), tunicamycin (protein unfolding) and aflatoxin B1 (metabolism)

Requirements

To be able to adhere to the strict time line, it is essential that delivery of the test materials at Toxys is properly scheduled and that relevant information about compound solubility and toxicity is shared before the start of the project. In our standard terms & conditions, confidentiality is guaranteed.

Typically, 15 mg of compound is required for a pharmaceutical compound (1 mM maximum test concentration); for chemical compounds we require 150 mg (10 mM maximum test concentration). Compounds can be provided either as powder or in solution (e.g. DMSO).



within 3 days