

HepatoGlo™-Tox HT

An *In Vitro* High Throughput Hepatotoxicity Assay

Uses of HepatoGlo™-Tox HT

- High throughput *in vitro* hepatotoxicity screening and testing at all stages of drug development
- Non-drug related screening
- Comparative toxicity testing
- Cell-based drug-drug interactions

Benefits of using HepatoGlo™-Tox HT

- Incorporates the most sensitive and accurate ATP bioluminescence technology available. (Requires a plate luminometer).
- Includes HepatoGro™ growth medium and everything else needed to measure hepatotoxicity.
- Includes reagents to calibrate and standardize the assay prior to measuring hepatotoxicity.
- Allows results to be compared between samples over time.
- After culture, just add a single ATP-Enumeration Reagent, mix and measure bioluminescence in 10 minutes.
- Available for 96- and 384-well plates with high throughput capability.
- No need for MTT, XTT, MTS, BudR, Calciem, CellQuant® and other less sensitive assays.
- Multiplex with other assay readouts, including CYP450 assays, to obtain the most information from a single sample.
- Can be used for cell-based hepatotoxicity drug-drug interaction studies.
- Fast to learn and easy to use.
- Part of the HemoGenix® ComparaTOX™ Platform to directly compare the response of drugs and other agents to multiple cell types from different species.
- HepatoGlo™-Tox HT is also available as a contract service. Please contact HemoGenix® for more information.

HepatoGlo™-Tox HT can be used with the following types of hepatocytes:

- Fresh
- Frozen
- Male
- Female
- Pooled
- iPS-derived hepatocytes

from the following species, where available:

- Human
- Non-human primate
- Dog
- Rat
- Mouse

HepatoGlo™-Tox HT Contains:

- HepatoGro™ Medium
- ATP standard
- ATP controls
- ATP Enumeration Reagent
- Sterile 96- or 384-well plate(s)
- Non-sterile 96- or 384-well plate(s)
- Sterile, adhesive foil covers
- Assay manual



Assays You Can Trust
Innovative Expertise You Can Count On