

Summary of *In Vitro* Toxicity Assays

All of the following assays are proprietary to HemoGenix[®].
For other assays please see our other [Contract Research Services](#)

To learn more about any of the assays, just click on the assay name to take you to the web page

CELL TYPE	ASSAY NAME	ASSAY TYPE / READOUT	APPLICATION
Lympho-Hematopoietic Cells	CAMEO™-4	Methylcellulose / Manual, Subjective	Hemotoxicity during differentiation and maturation
	CAMEO™-96	Methylcellulose / Manual and ATP bioluminescence	Hemotoxicity - Inhibition of proliferation, differentiation and maturation
Primary Stem Cells and Stem Cell Lines	STEMClone™		Cytotoxicity - Inhibition of proliferation, differentiation and maturation
Ex Vivo Primary Explanted Cells	XVPrime-Clone™		
Lympho-Hematopoietic Cells	HALO®-Tox HT	Suspension Expansion Culture™ (SEC™)/ ATP bioluminescence	High throughput hemotoxicity screening
	HALO®-96 PRT		Residual hemotoxicity and drug sensitivity change
	HALO®-DDI (contract research only)		Hemotoxic drug-drug interaction
Mesenchymal Stem Cell (MSC)	LUMENESC™-Tox HT	Adherent cell expansion / ATP bioluminescence	High throughput MSC cytotoxicity screening
	LUMENESC™-PRT (contract research only)		Residual MSC toxicity and drug sensitivity change
	LUMENESC™-DDI (contract research only)		MSC drug-drug interaction
Immune Cells	ImmunoGlo™-HT	Adherence or non-adherence cell growth-expansion / ATP bioluminescence	High throughput cytotoxicity screening
Primary Stem Cells and Cell Lines	STEMGlo™-HT	Adherence or non-adherence cell growth-expansion / ATP bioluminescence	High throughput stem cell toxicity screening
	STEMGlo™-PRT		Residual stem cell toxicity and drug sensitivity change
	STEMGlo™-DDI (contract research only)		Stem cell drug-drug interaction
ES-Derived Neural Stem and Progenitor Cells	NeuroGlo™-HT		High throughput neurotoxicity screening

CELL TYPE	ASSAY NAME	ASSAY TYPE / READOUT	APPLICATION
Primary Stem Cells and Cell Lines	<u>XVPrime™-HT</u>	Adherence or non-adherence cell growth-expansion / ATP bioluminescence	High throughput primary cell cytotoxicity screening
	<u>XVPrime™-PRT</u>		Residual primary cell toxicity and drug sensitivity change
	<u>XVPrime™-DDI</u> (contract research only)		Primary cell drug-drug interaction
Hepatocytes	<u>HepatoGlo™-HT</u>		High throughput hepatotoxicity screening
	<u>Hepatoglo™-DDI</u> (contract research only)		Hepatocyte drug-drug interaction
Primary Cell Lines and Tumor Cells	<u>CLGlo™-HT</u>	Adherence or non-adherence cell growth-expansion / ATP bioluminescence	High throughput cell line cytotoxicity screening

Please note that all assays, with the exception of CAMEO™-4 can be multiplexed with other assay readouts for different markers allowing more information to be obtained from a single sample.