Summary of Fluorescence Assays

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

APPLICATION	CELLS DETECTED	ASSAY NAME	USE
Stem cell research Basic research Veterinary Research	Lympho-hematopoietic stem and progenitor cells	HemoFLUOR™-96	Viability, cell functionality, proliferation and cell number. Alternative to and replacement for the CFC/CFU assay
Cellular Therapy and Regenerative Medicine	CFU-equivalent hematopoietic cells	HemoFLUOR™-96 PCA^{EQ}	Alternative, non-subjective CFU-equivalent assays
	Hematopoietic progenitor cells. Hematopoietic stem and progenitor cells. Lympho-hematopoietic stem and progenitor cells	HemoFLUOR™-96 PMT	Time to engraftment. Monitoring reconstitution after transplantation
Basic research Veterinary Research Cellular Therapy and Regenerative Medicine	Immune cells	ImmunoFLUOR™-96	Cellular immune reactions
Basic research Veterinary Research Cellular Therapy and Regenerative Medicine		ImmunoFLUOR™-MLC	1- or 2-way mixed lymphocyte culture (MLC) or reaction (MLR)
Stem cell research Basic research Veterinary Research	Mesenchymal stem cells (MSC)	MSCFluor™	Viability, cell functionality, proliferation and cell number. MSC passaging and expansion.
Stem cell research	Primary stem cells and stem cell lines	STEMFluor™	Viability, cell functionality, proliferation and cell number.
Basic research Veterinary Research	*Ex vivo* primary explanted cells	XVPrime-Fluor™	Viability, cell functionality, proliferation and cell number.
Basic research Veterinary Research Toxicity Testing	Cell lines and tumor cells	CLFluor™	Viability, cell functionality, proliferation and cell number. Cell passaging and expansion.