

Summary of Absorbance 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	HemoLIGHT™-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	HemoLIGHT™-96 PCA^{EQ}	Alternative, non-subjective CFU-equivalent assays
	Hematopoietic progenitor cells. Hematopoietic stem and progenitor cells. Lympho-hematopoietic stem and progenitor cells	HemoLIGHT™-96 PMT	Time to engraftment. Monitoring reconstitution after transplantation
Basic research Veterinary Research Cellular Therapy and Regenerative Medicine	Immune cells	ImmunoLIGHT™-96	Cellular immune reactions
Basic research Veterinary Research Cellular Therapy and Regenerative Medicine		ImmunoLIGHT™-MLC	1- or 2-way mixed lymphocyte culture (MLC) or reaction (MLR)
Stem cell research Basic research Veterinary Research	Mesenchymal stem cells (MSC)	MSCLight™	Viability, cell functionality, proliferation and cell number. MSC passaging and expansion.
Stem cell research	Primary stem cells and stem cell lines	STEMLight™	Viability, cell functionality, proliferation and cell number.
Basic research Veterinary Research	<i>Ex vivo</i> primary explanted cells	XVPrime-Light™	Viability, cell functionality, proliferation and cell number.
Basic research Veterinary Research Toxicity Testing	Cell lines and tumor cells	CLLight™	Viability, cell functionality, proliferation and cell number. Cell passaging and expansion.