

Patient Reconstitution Assays for Cellular Therapy

Patient “Global” Reconstitution Assays after Transplantation

- Determine short- and long-term reconstitution of stem cells and multiple lineages, including T- and B- lineages.
- Short 5-6 day incubation period allows reconstitution to be monitored continually.
- Quantitative cell population proliferation data provides all the information required to monitor reconstitution.
- Suspension Expansion Culture™ (SEC™) Technology provides the accuracy and precision needed and makes methylcellulose obsolete.
- Multiplexes with flow cytometry and other readouts.
- 96-Well plates. Smaller sample and reagent volumes. Faster setup.
- Use any available plate reader with results available in 5 minutes or less.
- Trust your results every time.
- Directly compare reconstitution monitoring data over time to ensure consistency.
- Includes everything you need to culture, measure and predict reconstitution. Just prepare and add cells.
- “Global” assays available for 4-, 5- or 7-populations.
- Learn to use the assay in less than 1 day.

Patient Monitoring Assay Kits Available

(Get at least 24 samples each at 4 replicates/sample from every kit. Can also be user defined)

No. of Cell Populations Detected ⁽¹⁾	HALO® PMT (Luminescence plate reader)	HemoFLUOR™ PMT (Fluorescence plate reader)	HemoLIGHT™ PMT (Absorbance plate reader)	Cell Populations Detected ⁽²⁾
4-Populations	K2-4PMT-5	K5-4PMT-5	K4-4PMT-5	SC-GEMM, P-BFU, P-GM, P-Mk
5-Populations	K2-5PMT-6	K5-5PMT-6	K4-5PMT-6	SC-HPP, SC-GEMM, P-BFU, P-GM, P-Mk
7-Populations	K2-7PMT-8	K5-7PMT-8	K4-7PMT-8	SC-HPP, SC-GEMM, P-BFU, P-GM, P-Mk, P-Tcell, P-Bcell

(1) All assay kits include a background control.

(2) Since no methylcellulose is used, cell populations are designated differently to those of the colony-forming unit (CFU) assay, but are nevertheless equivalent. SC = Stem cell. P = Progenitor cell.

Preferred Cell Systems™