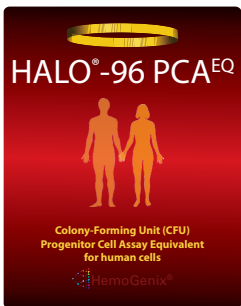


CAMEO™-4 / HALO®-96 PCA^{EQ}

Alternatives to “classic” CFU Assays for Stem Cell Processing Laboratories



CAMEO™-4 STEM CELL PROCESSING LABORATORY APPLICATIONS

- All stem cell processing laboratory applications where MethoCult® CFU assays are used.
- Use in place of MethoCult®.

SPECIES and TISSUES

- Human
- Mobilized peripheral blood
- Umbilical cord blood
- Bone marrow

HALO®-96 PCA^{EQ} STEM CELL PROCESSING LABORATORY APPLICATIONS

- An alternative to, or replacement for the “classic” colony-forming unit (CFU) assay for stem cell processing laboratories.
- FDA and AABB alternative assays.

WHY USE CAMEO™-4 INSTEAD OF METHOCULT®?

- Miniaturized CFU assay requires 1/10 volume of reagents, target cells and other sample requirements than the “classic” CFU assay.
- Greater number of replicates (4) improves statistics.
- Smaller growth surface for more accurate and faster colony counting.
- No meniscus; allows evaluation of colonies to the well edge.
- Uses the same growth factors/cytokines as MethoCult® assays
- Master Mixes contains the same reagents as HALO®-96 PCA^{EQ}, allowing direct comparisons and correlations between HALO® and the CFU assay.
- Kits includes 50 culture plates for greater time and cost savings.

WHY USE HALO®-96 PCA^{EQ} IN THE STEM CELL PROCESSING LABORATORY?

- Transforms the “classic” CFU assay (CAMEO™-4) into an instrument-based, fully standardized and validated assay with meaningful results.
- Uses the same growth factor cocktails used in CAMEO™-4 and for MethoCult® reagents for direct assay-to-assay comparisons and correlation.
- Faster, easier to use and more accurate than any “classical” CFU assay, even using automated colony counting.
- HALO®-96 PCA^{EQ} utilizes Suspension Expansion Culture (SEC) and Bioluminomics™ Technology, the most advanced and cost-effective hematopoietic *in vitro* cellular functionality assay system available.
- Kits include HALO®-96 PCA^{EQ} Master Mix, ATP standard, high and low controls, ATP Monitoring reagent, 96-well plates and instructions for using the assay. Just add cells.

CAMEO™-4 and HALO®-96 PCA^{EQ} Assays that are Equivalent to MethoCult® Reagents			
CAMEO™-4	HALO®-96 PCA^{EQ}	MethoCult®	Growth Factor/Cytokine Cocktail
KC-GEM2-50H	K2-PCA1-1,2,4*	H4434	EPO, GM-CSF, IL-3, SCF
KC-GEM3-50H	K2-PCA2-1,2,4*	H4034	EPO, GM-CSF, G-CSF, IL-3, SCF
KC-GM1-50H	K2-PCA3-1,2,4*	H4534	GM-CSF, IL-3, SCF
KC-GM2-50H	K2-PCA4,1,2,4*	H4035	GM-CSF, G-CSF, IL-3, SCF

* denotes that assays are available with 1, 2 or 4, 96-well plates
 MethoCult® is a registered trademark of Stem Cell Technologies



Assays You Can Trust
Innovative Expertise You Can Count On