

Progenitor Cell Assays for Cellular Therapy

The Smart, Fast Colony-Forming Unit (CFU) Progenitor Cell Equivalent Assay

- **Smart.** Let the plate reader get and calculate results in 5 minutes or less.
- **No 14 day cultures.** Just a short and fast 5 day incubation.
- **No colony counting required.** Cell proliferation gives you cell growth information needed.
- **No methylcellulose.** Suspension Expansion Culture™ (SEC™) Technology makes methylcellulose obsolete.
- **No extra and costly proficiency testing.** Incorporated in the assay every time you use it⁽¹⁾.
- **No additional controls or standards necessary.** Also included⁽¹⁾.
- **Use with cord blood, bone marrow, mobilized peripheral blood or purified cells (e.g. CD34⁺ or CD133⁺).**
- **Correlation with CFU, predicts CFU results.**
- **Similar growth factor cocktails to MethoCult, but superior.**
- **96-Well plates.** Smaller sample and reagent volumes. Faster setup.
- **Use any available plate reader.**
- **Trust your results every time.**
- **Detect the most primitive stem and progenitor cells easily and efficiently.**
- **Directly compare your results with other labs doing the same assay.**
- **Includes everything you need to culture and measure cell growth. Just prepare and add cells.**
- **Easy to use, time efficient and cost-effective.**
- **Learn to use the assay in less than 1 day.**

Progenitor Cell Assay (PCA) Kits Available

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

HALO® PCA (Luminescence plate reader)	HemoFLUOR™ PCA (Fluorescence plate reader)	HemoLIGHT™ PCA (Absorbance plate reader)	MethoCult™ CFU Equivalent	Growth Factor Cocktail
K2-PCA1-1	K5-PCA1-1	K4-PCA1-1	H4434 "Classic"	EPO, GM-CSF, IL-3, SCF
K2-PCA2-1	K5-PCA2-1	K4-PCA2-1	H4034 "Optimum"	EPO, GM-CSF, G-CSF, IL-3, SCF
K2-PCA3-1	K5-PCA3-1	K4-PCA3-1	H4534 "Classic"	GM-CSF, IL-3, SCF
K2-PCA4-1	K5-PCA4-1	K4-PCA4-1	H4035 "Optimum"	GM-CSF, G-CSF, IL-2, SCF
K2-PCA5-1 [#]	K5-PCA5-1 [#]	K4-PCA5-1 [#]	H4435 "Enriched"	EPO, GM-CSF, G-CSF, IL-3, IL-6, SCF + TPO [#]

[#] denotes that these kits include thrombopoietin (TPO) that is not included in the equivalent MethoCult® reagent to allow megakaryocyte growth.

(1) Only for HALO® PCA

Preferred Cell Systems™