



MACS[®] media

HSC-CFU

The standard media for analysis of hematopoietic engraftment potential

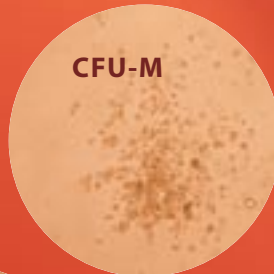
BFU-E



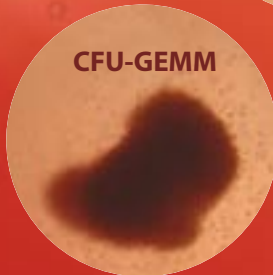
CFU-GM



CFU-M



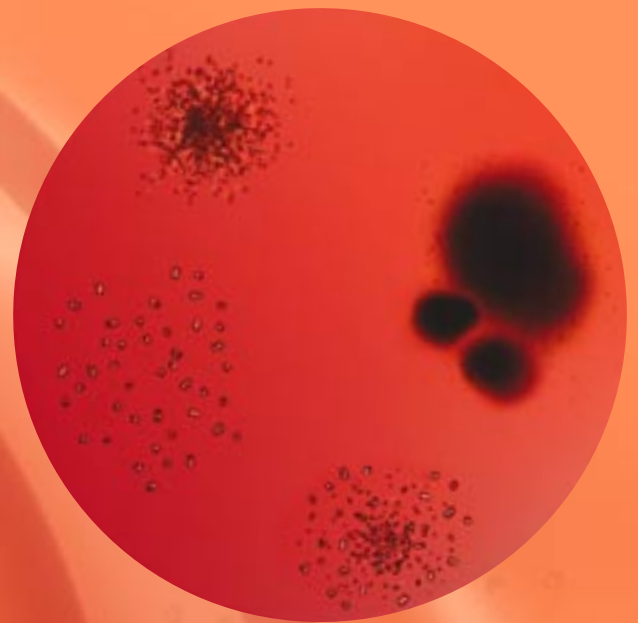
CFU-GEMM



CFU-E



CFU-G



MACS® HSC-CFU media

MACS HSC-CFU media were developed for the enumeration and evaluation of stem cell derived hematopoietic progenis characterized as Colony Forming Units (CFU). These products are recommended for assays of human clonogenic hematopoietic stem and progenitor cells from bone marrow, cord

blood, peripheral blood, leukapheresis products and MACS CD34 and CD133 enriched cell fractions.

MACS HSC-CFU media are standardized semi solid media that provide reliable and predictable results for the culture of hematopoietic stem cells (HSC).

	HSC-CFU complete with Epo	HSC-CFU complete w/o Epo	HSC-CFU lite with Epo	HSC-CFU basic
The formulation supports growth of:				
CFU-G, CFU-M, CFU-GM	yes	yes	yes	yes / no*
BFU-E, CFU-E, and CFU-GEMM	yes	no	yes	yes / no*
Components:				
Methylcellulose in Iscove's MDM	1%	1%	1%	1%
Fetal Bovine Serum	30%	30%	30%	30%
Bovine Serum Albumin	1%	1%	1%	1%
L-Glutamine	2 mM	2 mM	2 mM	2 mM
2-Mercaptoethanol	0.1 mM	0.1 mM	0.1 mM	0.1 mM
Stem Cell Factor	(50 ng/ml)	(50 ng/ml)	(50 ng/ml)	—
GM-CSF	(20 ng/ml)	(20 ng/ml)	(10 ng/ml)	—
G-CSF	(20 ng/ml)	(20 ng/ml)	—	—
IL-3	(20 ng/ml)	(20 ng/ml)	(10 ng/ml)	—
IL-6	(20 ng/ml)	(20 ng/ml)	—	—
Erythropoietin (Epo)	(3 U/ml)	—	(3 U/ml)	—

* Depending on added components

MACS products

HSC-CFU complete with Epo	100 ml	#130-091-280
	24 x 3 ml	#130-091-278
HSC-CFU complete w/o Epo	100 ml	#130-091-277
	24 x 3 ml	#130-091-276
HSC-CFU lite with Epo	100 ml	#130-091-281
	24 x 3 ml	#130-091-282
HSC-CFU basic	80 ml	#130-091-275

Miltenyi Biotec

For more information, contact Miltenyi Biotec or visit our website www.miltenyibiotec.com

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