



Guide for choosing Collagen based Media

GFC_Coll_18v01

In compliance with EP 2.7.28 (Colony-forming cell assay for human haematopoietic progenitor cells)

In compliance with the MEDDEV 2.14/2 rev.1 February 2004, IVD GUIDANCE : **Research Use Only products**

Human Haematopoietic Stem and Progenitor Cells

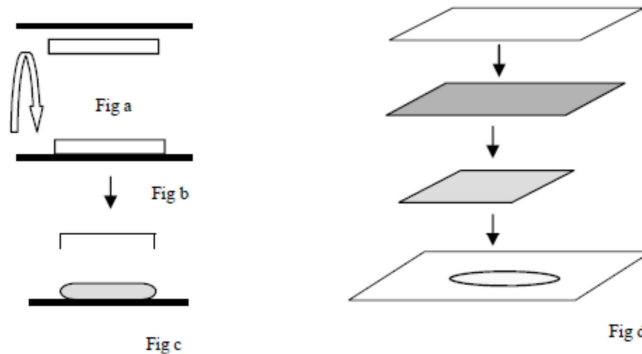
Product name	Description	Type of Cells	Applications
Fetal Bovine Serum			
Kit STEM ALPHA.4 (5410)	"Base" Medium	Fresh or cryoconserved CD34+ or Mononucleated Cells	Allows of cytokines
Kit STEM ALPHA.4B (5411)	"Base" IL3, IL6, IL11, ScF, Epo, G-CSF, Flt3-lig and GMCSF	Fresh or cryoconserved Mononucleated Cells or CD34+ cells	CFU-E, BFU-E, CFU-GM, CFU-G, CFU-M, and CFU-GEMM
Kit STEM ALPHA.4G (5412)	"Base" IL3, IL6, IL11, ScF, G-CSF, Flt3-lig and GMCSF	Fresh or cryoconserved Mononucleated Cells or CD34+ cells	CFU-GM, CFU-G, CFU-M, and CFU-GEMM
Serum Free			
STEM ALPHA.Coll (5303)	Purified human Collagen in aqueous solution		Matrix (include with "Kit")
Kit STEM ALPHA.3 (5310)	"Base" Medium	Fresh or cryoconserved CD34+ or Mononucleated Cells	Allows of cytokines
Kit STEM ALPHA.5316 (5316)	"Base" Medium	Fresh or cryoconserved CD34+ or Mononucleated Cells	For endogenous growth of haematopoietic cells
Kit STEM ALPHA.3MK (5311)	"Base" + IL3, IL6, IL11 and Tpo	Fresh or cryoconserved CD34+ or Mononucleated Cells	For megakaryocytic progenitor cells from bone marrow, umbilical cord blood and peripheral blood.

Human colony assay media can be also providing without phenol red.

Cryopreserved cells and fresh cells can be stored in Animal Compound Free Media such as STEM ALPHA.S1 medium (w/o phenol red) for storage cells at 4°C for 48 hours and STEM ALPHA.CRYO3 for freezing and thawing cells.

GEL DESHYDRATATION AND STAIN OR IMMUNOCYTOCHEMISTRY

Release gel from the periphery of the culture dish with a thin plastic pipet tip. Cover the culture dish with 46 x 76 mm glass slide (fig a) and turn it up side clown (fig b). Let the gel slip out of the culture dish and spread out on the glass slide. Carefully take away the culture dish (fig. c). Put on the gel a Nylon sifting fabric (Scrynel, NYHC, 37µm) than a high grade blotting paper (3MM Chr Wattman). Apply a glass slide for 30 sec for gentle pressing purpose.(fig. d). Change blotting paper until complete dehydration of the gel. Remove carefully the blotting paper and the Nylon sifting fabric; Air dry rapidly the thin collagen film with a fan (15 sec) and stain immediately with May-Grünwald-Giemsa. An APAAP immunocytochemistry for procedure of progenitors identification, please contact us



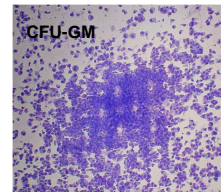
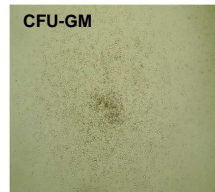
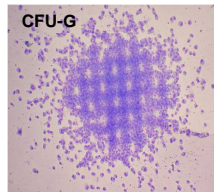
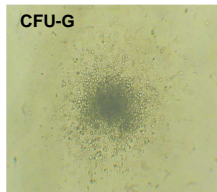
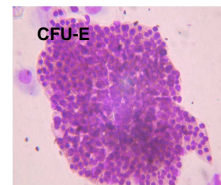
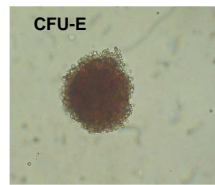
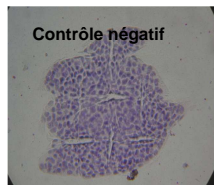
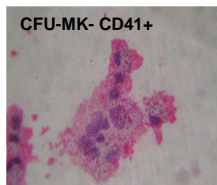
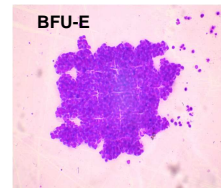
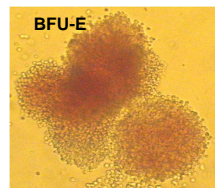
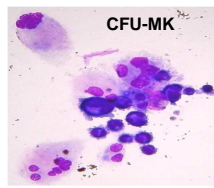
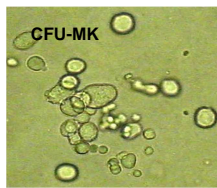
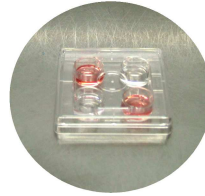
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Identification of Human Haematopoietic Colony with Collagen Media



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