

Double Chamber Slide Kit



For the culture, fixation, and staining of collagen-based cultures

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Catalog # 04813	16/Box
04911	48/Pack
04963	1 Kit

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Product Description

These slides are recommended for performing colony assays in collagen gels using MegaCult™-C collagen-based media, for the detection of hematopoietic progenitor cells.

The sterile chamber slides allow for culture, fixation, and immunocytochemical staining to be performed on the same slide. The filter cards and spacers are used for the dehydration of collagen-based gels following culture.

Each chamber slide contains two chambers. This kit provide sufficient slides to perform 24 duplicate assays (two slides) or 48 single assays (one slide).

Properties

Storage: Store at 15 - 25°C.

Shelf Life: Not applicable

Handling / Directions For Use

For complete instructions for collagen-based colony assays of human megakaryocyte progenitor cells, please refer to the Technical Manual: MegaCult™-C Assays for Quantitation of Human & Mouse Megakaryocytic Progenitor Cells (Document #28413), available at www.stemcell.com or contact us to request a copy.

References

Dobo I et al. (1995) Collagen matrix: an attractive alternative to agar and methylcellulose for the culture of hematopoietic progenitors in autologous transplantation products. *J Hematother* 4(4): 281–7.

Mossuz P et al. (1998) Use of collagen for standardization of PBSC graft quality evaluation: a multicenter comparative analysis of commercial collagen-based and methylcellulose-based colony-forming unit (CFU) assay kits. *J Hematother* 7(4): 351–9.

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