

# Double Chamber Slide Kit



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

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

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## Product Description

The Double Chamber Slide Kit (Catalog #04963) includes MegaCult™-C Double Chamber Slides (Catalog #04813) and Filter Cards and Spacers (Catalog #04911). Double chamber slides are recommended for performing colony assays in collagen gels using MegaCult™-C or other collagen-based media for the detection of hematopoietic progenitor cells. The chamber slide system allows for culture, fixation, and immunocytochemical staining of hematopoietic colony assays to be performed on the same slide. Filter cards and spacers are used for the dehydration of collagen-based gels following culture. The kit provides sufficient slides, filter cards, and spacers to perform 24 duplicate assays (two slides) or 48 single assays (one slide).

## Product Information

PRODUCT NAME	CATALOG #	SIZE	STORAGE	SHELF LIFE
Double Chamber Slide Kit <ul style="list-style-type: none"><li>MegaCult™-C Double Chamber Slides (3 x 16 slides)</li><li>Filter Cards and Spacers (48 of each)</li></ul>	04963	1 Kit	Store at 15 - 25°C.	Not applicable.
MegaCult™-C Double Chamber Slides	04813	16/Box	Store at 15 - 25°C.	Not applicable.
Filter Cards and Spacers	04911	48/Pack	Store at 15 - 25°C.	Not applicable.

## Directions for Use

For complete instructions for collagen-based colony assays of human megakaryocyte progenitor cells, refer to the Technical Manual: MegaCult™-C Assays for Quantitation of Human & Mouse Megakaryocytic Progenitor Cells (Document #28413), available at [www.stemcell.com](http://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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