

# MegaCult™-C Staining Kit for CFU-Mk

## Staining kit for human CFU-Mk assays

Catalog #04962

1 Kit



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TOLL FREE PHONE 1 800 667 0322 • PHONE +1 604 877 0713

[INFO@STEMCELL.COM](mailto:INFO@STEMCELL.COM) • [TECHSUPPORT@STEMCELL.COM](mailto:TECHSUPPORT@STEMCELL.COM)

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## Product Description

The MegaCult™-C Staining Kit for CFU-Mk contains all the reagents needed to stain fixed and dehydrated CFU-Mk-derived colonies cultured in MegaCult™-C collagen-based medium. Megakaryocytes and platelets expressing the glycoprotein IIb/IIIa are stained with anti-human CD41 antibody and an alkaline phosphatase detection system. The kit is also suitable for detection of bipotential erythroid-megakaryocyte progenitor cells (BFU-E/Mk).

## Product Information

The following components are sold as a complete kit (Catalog #04962) and are also available for individual sale.

COMPONENT NAME	CATALOG #	SIZE	STORAGE	SHELF LIFE
MegaCult™-C Primary Antibody	04803	360 µL	Store at 2 - 8°C.	Stable until expiry date (EXP) on label.
MegaCult™-C Control Antibody	04804	100 µL	Store at 2 - 8°C.	Stable until expiry date (EXP) on label.
MegaCult™-C Avidin-Alkaline Phosphatase Conjugate	04905	200 µL	Store at 2 - 8°C.	Stable until expiry date (EXP) on label.
MegaCult™-C Biotin-Conjugated Goat Anti-Mouse IgG	04906	125 µL	Store at -20°C.	Stable until expiry date (EXP) on label.
MegaCult™-C Human Serum	04807	6 mL	Store at -20°C.	Stable for at least 12 months from date of receipt.
MegaCult™-C Alkaline Phosphatase Substrate Tablets	04809	30 gold 30 silver	Store at -20°C.	Stable for at least 12 months from date of receipt.
MegaCult™-C Evans Blue Stain	04913	5 mL	Store at 15 - 25°C.	Stable for 24 months from date of receipt.
MegaCult™-C 10% BSA	04915	6 mL	Store at -20°C.	Stable for at least 12 months from date of receipt.

Please refer to the Safety Data Sheets (SDS) for hazard information.

## Directions for Use

For complete instructions, including solution preparation and staining protocol, refer to the Technical Manual: MegaCult™-C Assays for Quantitation of Human and Mouse Megakaryocytic Progenitor Cells (Document #28413) available on our website at [www.stemcell.com](http://www.stemcell.com) or contact us to request a copy.

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