

MegaCult™-C Staining Kit for CFU-Mk



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

INFO@STEMCELL.COM • TECHSUPPORT@STEMCELL.COM

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Staining kit for human CFU-Mk assays

Catalog #04962

1 Kit

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 2 years 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 at www.stemcell.com or contact us to request a copy.

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