

MegaCult™-C Staining Kit for CFU-Mk

Staining Kit for Human CFU-Mk

Catalog #04962

1 Kit



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FOR RESEARCH USE ONLY. NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES.

Product Description

The MegaCult™-C Staining Kit for CFU-Mk contains all the reagents needed to stain CFU-Mk-derived colonies cultured in MegaCult™-C collagen-based medium that have been fixed and dehydrated. 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 progenitors (BFU-E/Mk).

Product Information

The following components are sold as a complete kit (Catalog #04962) and are not available for individual sale.

COMPONENT NAME	COMPONENT #	SIZE	STORAGE	SHELF LIFE
Primary Antibody Anti-GPIIb/IIIa	04803	360 µL	Store at 2 - 8°C.	Stable until expiry date (EXP) on label.
Control Antibody Anti-TNP	04804	100 µL	Store at 2 - 8°C.	Stable until expiry date (EXP) on label.
Avidin-Alkaline Phosphatase Conjugate	04905	200 µL	Store at 2 - 8°C.	Stable until expiry date (EXP) on label.
Biotin-Conjugated Goat Anti-Mouse IgG	04906	125 µL	Store at -20°C.	Stable until expiry date (EXP) on label.
Human Serum	04807	6 mL	Store at -20°C.	Stable for at least 12 months from date of receipt.
Alkaline Phosphatase Substrate Tablets	04809	30 gold 30 silver	Store at -20°C.	Stable for at least 12 months from date of receipt.
Evans Blue Counterstain	04913	5 mL	Store at 15 - 25°C.	Stable for 24 months from date of receipt.
10% BSA Solution	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 Progenitors (Document #28413) available on our website at www.stemcell.com or contact us to request a copy.

STEMCELL TECHNOLOGIES INC.'S QUALITY MANAGEMENT SYSTEM IS CERTIFIED TO ISO 13485 MEDICAL DEVICE STANDARDS.

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