

# 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](http://www.stemcell.com) or contact us to request a copy.

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