

Materials List for:

# Coronary Progenitor Cells and Soluble Biomarkers in Cardiovascular Prognosis after Coronary Angioplasty

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## Materials

Name	Company	Catalog Number	Comments
BSA	Roche	10735086001	Bovine Serum Albumin (BSA) as a buffering agent, stabilizer, standard and for blending.
Calibration Beads	Miltenyi Biotec / MACS	#130-093-607	MACQuant calibration beads are supplied in aqueous solution containing 0.05% sodium azide. 3.5 ml for up to 100 tests
CD133/1 (AC133)-PE	Miltenyi Biotec / MACS	#130-080-801	Antibody conjugated to R-Phycoerythrin in PBS/EDTA buffer
CD184 (CXCR4)-PE-VIO770	Miltenyi Biotec / MACS	#130-103-798	Monoclonal, Isotype recombinant human IgG1, conjugated
CD309 (VEGFR-2/KDR)-APC	Miltenyi Biotec / MACS	#130-093-601	Antibody conjugated to R-Phycoerythrin in PBS/EDTA buffer
CD34-FITC	Miltenyi Biotec / MACS	#130-081-001	The monoclonal antibody clone AC136 detects a class III epitope of the CD34
CD45- VioBlue	Miltenyi Biotec / MACS	#130-092-880	Monoclonal CD45 Antibody, human conjugated
Conical Tubes	Thermo SCIENTIFIC	#339651	15ml conical centrifuge tubes
Cytometry Tubes	FALCON Corning Brand	#352052	5 mL Polystyrene Round-Bottom Tube. 12x75 style. Sterile.
EDTA	BIO-RAD	#161-0729	Heavy metals, (as Pb) <10ppm, Fe <0.01%, As <1ppm, Insolubles <0.005%
Improved Neubauer	Without brand	Without catalog number	Hemocytometer for cell counting. (range 0.1000mm, 0.0025mm <sup>2</sup> )
K2 EDTA Blood Collection Tubes	BD Vacutainer	#367863	Lilac plastic vacutainer tube (K2E) 10.8mg, 6 mL.
Lymphoprep	Stemcell Technologies	01-63-12-002-A	Sterile and checked on the presence of endotoxins. Density: 1.077±0.001g/mL
Paraformaldehyde	SIGMA-ALDRICH	#SZBF0920V	Fixation of biological samples, (powder, 95%)
Pipette Transfer 1,3mL	CRM Globe	PF1016, PF1015	The transfer pipette is a tool that facilitates liquid transfer with greater accuracy.
Test Tubes	KIMBLE CHASE	45060 13100	Heat-resistant test tubes. SIZE/ CAP 13 x 100 mm