

Materials List for:

Routine Screening Method for Microparticles in Platelet Transfusions

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Materials

Name	Company	Catalog Number	Comments
ThromboLUX-M	LightIntegra Technology Inc.	LPN120	DLS System
ThromboSight Software	LightIntegra Technology Inc.	LPN124	DLS analysis software
Capillaries	LightIntegra Technology Inc. (included in test kit, vendor Optinova MLE)	LPN065	Custom extruded non-activating, non-birefringent plastic tube, inspected and irradiated
MiniPet	LightIntegra Technology Inc. (included in test kit, vendor TriContinent Scientific)	LPN082	100 µL fixed volume pipette for sampling
MicroFlex 1-200 µL Pipette tips	LightIntegra Technology Inc. (included in test kit, vendor ESBE Scientific)	LPN080	Pipette tips for sampling
Critoseal	LightIntegra Technology Inc. (included in test kit, vendor Fisher Scientific)	LPN075	Capillary Tube Sealant
Dukal Alcohol Pad or equivalent	LightIntegra Technology Inc. (included in test kit, vendor Dukal Corp.)	LPN085	Isopropyl pad (saturated with 70% isopropyl alcohol)
Control beads, 50 nm radius	LightIntegra Technology Inc. (included in test kit, vendor PolySciences Inc.)	LPN128	Control beads
Microbead NIST Traceable Particle Size Standard, 3 µm	PolySciences Inc.	64060	Standard microbeads: 1.5 µm radius Polystyrene beads; range 1.43-1.58 µm; 1% solids suspensions in de-ionized water
Nanobead NIST Traceable Particle Size Standard, 250 nm	PolySciences Inc.	64014-15	Standard nanobeads: 125 nm radius Polystyrene beads; range 120 - 130 nm; 1% solids suspensions in de-ionized water
Genesis BPS RapidSeal II or equivalent	Genesis BPS	428-SE640	Tube sealer
Fresenius Kabi Tube Strippper or equivalent	Fresenius Kabi	6R4452	Manual tube stripper
Biohazard Shield - Cell Counter or equivalent	CardinalHealth	S1389-75	Splash Shield
Corning LSE Vortex Mixer or equivalent	Corning Incorporated	6775	Vortex mixer
FACSCanto II Flow cytometer with FACSDiva software version 6.1.3 or equivalent	BD Biosciences	338960	Flow cytometer