

Materials List for:

Magnetic Levitation Coupled with Portable Imaging and Analysis for Disease Diagnostics

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Materials

Name	Company	Catalog Number	Comments
Gadavist (Bayer)	Jefferson Medical and Imaging	2068062	Gadavist contains 1M gadobutrol, a chelate of gadolinium. We purchased 2 ml vials with 15/ca.
Square glass microcapillary tubes	Vitrocom	8270	50 mm length is sufficient
Sodium metabisulfite	Sigma-Aldrich	S9000	Chemical formula: Na ₂ S ₂ O ₅
Leica Microsystems Critoseal tube sealant	Fisher Scientific	02-676-20	
Hank's Balanced Salt Solution	Sigma-Aldrich	H9269 SIGMA	
Trypsin-EDTA	Sigma-Aldrich	T4049	Or other reagent as recommended for the cell type used
MICROLET 2 Adjustable Lancing Device	Walgreens	246567	Any lancing device is acceptable when used according to biosafety protocols
Microlet Lancets	Walgreens	667474	Must be disposable and not reused
Hausser Bright-Line Phase Hemacytometer	Fisher Scientific	02-671-6	Or any preferred method for cell counting
ACK Lysing Buffer	ThermoFisher	A1049201	