

Materials List for:

Detection of Exosomal Biomarker by Electric Field-induced Release and Measurement (EFIRM)

Michael Tu¹, Fang Wei¹, Jieping Yang², David Wong¹

¹School of Dentistry, University of California, Los Angeles

²School of Medicine, Clinical Nutrition, University of California, Los Angeles

Correspondence to: David Wong at dtww@ucla.edu

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Materials

Name	Company	Catalog Number	Comments
Helios 16-Channel Reader System with Chip Interface	Genefluidics, USA	RS-1000-16	
16x Sensor Chip, Bare Gold, pack of 5 chips	Genefluidics, USA	SC1000-16X-B	
Biotinylated anti-human CD63 Antibody	Ancell, USA	215-030	
Dynabeads MyOne Streptavidin T1	Invitrogen, USA	65601	
Neodymium Magnetics (1/10" dia. x 1/32" thick)	K&J Magnetics, USA	DH101	
Ultrapure Distilled Water	Life Technologies, USA	10977-023	
Mettler Toledo 3 M KCl Solution	Fisher Scientific, USA	1911512	
Pyrrrole	Sigma-Aldrich, USA	W338605-100g	
Anti-Fluorescein-POD, Fab fragments	Roche, Germany	11426346910	
3,3',5,5'-tetramethylbenzidine substrate (TMB/H ₂ O ₂ , low activity)	Neogen, Usa	330175	
Phosphate Buffered Saline Solution	Life Technologies, USA	10010023	
Casein/PBS	Fisher Scientific, USA	37532	