

Materials List for

A Flow Cytometry-based Cell Surface Protein Binding Assay for Assessing Selectivity and Specificity of an Anticancer Aptamer

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Materials

Name	Company	Catalog Number	Comments
1.5 mL microcentrifuge tubes with attached lid	Sigma-Aldrich	T6649	
15 mL CellStar blue screw cap, conical bottom tube	Greiner Bio One	188271	
5 mL serological pipettes	Greiner Bio One	606180	
BD FACSCanto II Flow Becton Dickinson Cytometer	Becton Dickinson	N/A	
BD FACSDiva V9.0	BD Biosciences	N/A	
Bovine Serum Albumin (BSA), Lyophilized powder	Sigma-AldrichTM	A7906-50G	
Bright-line Hemocytometer	Sigma-Aldrich	Z359629	
Dulbecco's Modified Eagle Medium (DMEM) High Glucose Media Powder	Life Technologies	12100046	
Dulbecco's Phosphate- Buffered Saline (DPBS)	Life Technologies	21300025	
FlowJo, LLC 10.8.1	BD Biosciences	N/A	
Foetal Bovine Serum (FBS)	Bovogen	SFBS-F	
HEK293T	American Type Culture Collection	ACS-4500	
Heracell 150i CO ₂ Incubator	Thermo Fisher Scientific	N/A	
Heraeus Megafuge 16R Centrifuge	Thermo Fisher Scientific	N/A	
Magnesium Chloride (MgCl ₂)	Sigma-Aldrich	M8266	
MDA-MB-231	American Type Culture Collection	CRM-HTB-26	
Microplate, PS, 96 well, F-bottom (Chimney well), Black	Greiner Bio One	655076	
MiniAmp Thermal Cycler	Thermo Fisher Scientific	A37834	
Phosphate-Buffered Saline (PBS) tablets	Life Technologies	18912014	

Pyrogen- and RNase-free ultrapure water	Milli-Q		
T75 Cell Culture flask	Cellstar	658170	
TENN	Integrated DNA Technologies	N/A	5'-GC GCG TGCA CGC GC TA ACG GA TTCCTTT TCC GT-3
TEPP	Integrated DNA Technologies	N/A	5'-GC GCG GTAC CGC GC TA ACG GA GGTTGCG TCC GT-3'
Transfer RNA (tRNA)	Sigma-Aldrich	R8508-5X1ML	
Trypan Blue Solution	Life Technologies	15250061	
Trypsin-EDTA	Gibco	15400054	