

Materials List for:

Predictive Immune Modeling of Solid Tumors

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Materials

Name	Company	Catalog Number	Comments
0.2 mL PCR 8 tube strip	USA Scientific	1402-2700	USA Scientific 0.2 mL PCR 8-tube strip
200 Proof Ethanol	MilliporeSigma	EX0276-1	Prepare 80% by mixing with nuclease-free water on the day of the experiment
96-well thermal cyclers	BioRad	1861096	
Solid-phase Reversible Immobilization (SPRI) Beads	Beckman-Coulter	A63882	Agencourt AMPure XP – PCR Purification beads
Digital electrophoresis chips and kit	Agilent Technologies	5067-4626	Agilent High Sensitivity DNA chips and kit
Digital electrophoresis system	Agilent Technologies	G2939AA	Agilent 2100 Electrophoresis Bioanalyzer
Streptavidin Beads	ThermoFisher Scientific	65306	Dynabeads M-270 Streptavidin
ImmunoPrism Kit – 24 reaction	Cofactor Genomics	CFGK-302	Cofactor ImmunoPrism Immune Profiling Kit – 24 reactions
Human Cot-1 DNA	ThermoFisher Scientific	15279011	Invitrogen brand
Magnetic separation rack	Alpaqua/Invitrogen	A001322/12331D	96-well Magnetic Ring Stand
Microcentrifuge	Eppendorf	22620701	
Microcentrifuge tubes	USA Scientific	1415-2600	USA Scientific 1.5 mL low-adhesion microcentrifuge tube
NextSeq550	Illumina	SY-415-1002	Any Illumina sequencer may be used for this protocol
Nuclease-free water	ThermoFisher Scientific	AM9937	
Prism Extraction Kit	Cofactor Genomics	CFGK-401	Cofactor Prism FFPE Extraction Kit – 24 samples
Purified RNA	-	-	Purified from human tissue samples
Fluorometer	ThermoFisher Scientific	Q33226	Qubit 4 System
Fluorometric Assay Tubes	Axygen	PCR-05-C	0.5mL Thin Wall PCR Tubes with Flat Caps
High Sensitivity Fluorometric Reagent Kit	Life Technologies	Q32854	Qubit dsDNA HS Assay Kit
Vacuum concentrator	Eppendorf	22820001	VacuFugePlus
Vortex mixer	VWR	10153-838	
Water bath or heating block	VWR/USA Scientific	NA/2510-1102	VWR water bath/USA Scientific heating block