

Materials List for:

# Determination of Immune Cell Identity and Purity Using Epigenetic-Based Quantitative PCR

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## Materials

Name	Company	Catalog Number	Comments
2.0 ml Eppendorf Safe-Lock Tubes	Eppendorf	22363344	
Analysis template for CD8 assay			<a href="#">Click Here</a>
Analysis template for Th17 assay			<a href="#">Click Here</a>
Analysis template for Treg assay			<a href="#">Click Here</a>
Attune NxT Acoustic Focusing Cytometer, blue/red/violet6/yellow	Thermo Fisher Scientific	A29004	
CTS PureQuant CD8+ T-Cell Assay	Thermo Fisher Scientific	A43674	
CTS PureQuant Th17 Assay	Thermo Fisher Scientific	A43676	
CTS PureQuant Treg Assay	Thermo Fisher Scientific	A43675	
Dynabeads SILANE Genomic DNA Kit	Thermo Fisher Scientific	37012D	Used for genomic DNA isolation and purification after bisulfite conversion. Contains elution buffer to dilute samples.
DynaMag-2 Magnet	Thermo Fisher Scientific	12321D	Used as a magnetic rack during DNA isolation and purification
eBioscience Essential Human T cell Phenotyping Kit	Thermo Fisher Scientific	A42923	
eBioscience Essential Human Th1/Th17 Phenotyping Kit	Thermo Fisher Scientific	A42927	
eBioscience Essential Human Treg Phenotyping Kit	Thermo Fisher Scientific	A42925	
Eppendorf SmartBlock 2 mL	Eppendorf	5362000035	
Eppendorf ThermoMixer C	Eppendorf	5382000023	
HulaMixer Sample Mixer	Thermo Fisher Scientific	15920D	Recommended sample mixer
NanoDrop	Thermo Fisher Scientific	ND 1000	
Nonstick, RNase-free Microfuge Tubes, 1.5 mL	Applied Biosystems	AM12450	
QuantStudio 12S Flex	Applied Biosystems	4470661	
TE, pH 8.0, RNase-free	Thermo Fisher Scientific	AM9849	
Vortex Mixer	Thermo Fisher Scientific	H2KT17113	