

Materials List for:

Serum and Plasma Copy Number Detection Using Real-time PCR

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Materials

Name	Company	Catalog Number	Comments
BD Vacutainer Serum Tubes	Becton Dickinson	367814	whole blood tube for serum
BD Vacutainer EDTA Tubes	Becton Dickinson	366643	whole blood tube for plasma
Ethanol absolute	VWR		the user could use also other companies
TaqMan Copy Number assay	Thermo Fisher Scientific	4400291	Pre-designed and validated assays with FAM-dye. We used the following assay: AR_assay1: hs04107225 and AR_assay2: hs04511283
TaqMan Copy Number assay (modified)	Thermo Fisher Scientific	4467084	Pre-designed assay modified with VIC-dye: AGO1: Hs02320401_cn
TaqMan Copy Number Reference Assay, human, RNase P	Thermo Fisher Scientific	4403326	
TaqMan Universal PCR Master Mix	Thermo Fisher Scientific	4326708	Master mix for Real Time PCR
QIAamp DNA Mini Kit (50)	Qiagen	51304	DNA extraction kit
MicroAmp 96-Well Plates	Thermo Fisher Scientific	N8010560	plates for real time PCR
NanoDrop 1000 Spectrophotometer	Thermo Fisher Scientific	-	the user could use also other spectrophotometric methods to quantify DNA
7500 Fast Real-Time PCR System	Applied Biosystem	-	the user could use also other real time instrument
CopyCaller Software	Applied Biosystem	-	Software for copy number analysis