

**Materials List for**  
**5-Methylcytosine Dot Blot to Determine the Extent of DNA Methylation**

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**Materials**

Name	Company	Catalog Number	Comments
<b>Reagents</b>			
DMEM	Gibco Inc.	11965-092	Warm in 37 °C water bath before use
Phosphate-Buffered Saline(PBS)	HyClone Inc.	SH30256.01B	D-PBS, free of Ca2+/Mg2+
FBS	Gibco Inc.	10099-141	
0.25% Trypsin/EDTA	Gibco Inc.	25200-056	
1% Penicillin-Streptomycin	Gibco Inc.	15140-122	
Chloroform	Mallinckrodt	4440	
Isoamyl Alcohol	Sigma	I-3643	
Phenol	Gibco BRL	15513-039	
Proteinase K	Gibco BRL	24568-2	
TAE buffer	Bio Whittaker	16-011V	
Distilled Water	Gibco BRL	15230-170	
1 M Tris-HCl	Biosharp Inc.	BL514A	
Tween20	Biotopped Inc.	C58H114O26	
BSA	Proliant Inc.	68700	
Collagenase, Type II	Sigma-Aldrich	C6885	
<b>Equipment</b>			
Cell Strainer (40µm nylon)	FALCON Inc.	352340	
Hemocytometer	ISOLAB Inc.	075.03.001	
Falcon 100 mm dish	Corning	353003	
Centrifuge Tubes	TPP AG	91050	Gamma-sterilized
High-speed centrifuge	Eppendorf	5804R	
ThermoMixer	MIULAB	MTH-100	
Carbon dioxide cell incubator	Thermo scientific	3111	
Chemi-imaging Analyse System	UVITEC Cambridge	ALLIANCE	