

Materials List for:

# Evaluating *In Vitro* DNA Damage Using Comet Assay

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## Materials

Name	Company	Catalog Number	Comments
<b>Reagents</b>			
10x PBS(Ca <sup>++</sup> , Mg <sup>++</sup> free)	TEKnova	P0196	
NaCl	Sigma	S5886	
EDTA	TEKnova	E0308	
Trizma base	Sigma	T1503	
NaOH	Sigma	72068	
Sodium lauryl sarcosinate	Sigma	L7414	
Triton X-100	Sigma	93443	
Sodium acetate	Sigma	32318	
Glacial acetic acid	Sigma	695092	
Ammonium acetate	Sigma	A1542	
SYBR Green	Invitrogen	S33102	
Low melting point agarose	Invitrogen	16520	
Agarose	Invitrogen	16500	
95% ethanol	WARNER-GRAHAM	#64-17-5	
Trypsin	GIBICO	25300-054	
<b>Consumables</b>			
Glass tissue slides	ELECTRON MICROSCOPY SCIENCES	63422-11	
Kimwipes	KIMberly-Clark		
1.5 mL Microcentrifuge Tubes	DENVILLE		
Pipette Tips	SHARP		
<b>Equipments</b>			
Microwave	Avanti		
Waterbath	PRECISION		
Horizontal electrophoresis chamber	TREVIGEN	Cometassay ES II	
Power supply	Bio-Rad		
Incubator	Quincy Lab	Model 12-140E	
Fluorescent microscope	Zeiss	LSM700	
Micropipettor	Eppendorf		