

Materials List for:

Quantification of Hypopigmentation Activity *In Vitro*

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Materials

Name	Company	Catalog Number	Comments
3,4-Dihydroxy-L-phenylalanine	Sigma	D9628	
Ammonium hydroxide solution	Sigma	#320145	
Arbutin	Fluka	#10960	
DMEM	HyClone	SH30243.01	
FBS	HyClone	SH30084.03	
Formalin	Yakuri Pure Chemicals	#16223	37%
Gold chloride	American MasterTech	AHG0226	0.10%
HCl	Samchun chemical	H0255	
KCl	Bio basic Canada Inc.	PB0440	
KH ₂ PO ₄	Sigma	#60218	
Na ₂ HPO ₄	J.T.Baker	#3817-01	
NaCl	Duksan pure chemicals	#81	
NaOH	Sigma	655104	
Nuclear fast red	Merck	100121	Nuclear fast red 0.1% in 5% aluminum sulfate.
Penicillin and streptomycin solution	HyClone	SV30010	
Silver nitrate	Duksan Pure Chemicals	#900	
Sodium phosphate dibasic (Na ₂ HPO ₄)	J.T. Baker	#3817-01	
Sodium phosphate monobasic (Na ₂ HPO ₄)	Sigma	S5011	
Sodium thiosulfate pentahydrate	Duksan Pure Chemicals	#2163	
Tris(hydroxymethyl)aminomethane	Bio Basic Canada	TB0196	
Triton X-100	Union Carbide	T8787	
Tyrosinase from mushroom	Sigma	T3824	25 KU