

Materials List for:

***In Vitro* Scratch Assay to Demonstrate Effects of Arsenic on Skin Cell Migration**

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Materials

Name	Company	Catalog Number	Comments
Class II A/B3 Biological Safety Cabinet	Forma Scientific	15201-816	
Nitrile Gloves	Kimberly-Clark	55082	
Water Bath	Precision	Model 182	
Inverted Microscope	Leica	Q080318	
CPR Centrifuge	Beckman	349702	
Analytical Scale	Ohaus	I093 1125062111P	
Weighting paper	VWR	H351125781212A	
Biohazard bags	Fisherbrand	01-830A	
Water Jacketed CO ₂ Incubator	Thermo Scientific	309739-31053	
Hanks Balanced Salt Solution	Gibco	14175-095	
Dulbecco's Modified Eagle Medium	Gibco	10566-016	
Fetal Bovine Serum	Gibco	26140-079	
Automatic Pipettor	Drummond	140685	
p200 Pipette	Gilson		
p20 Pipette	Gilson		
Denominator	Fisher Scientific	D59707	
Trypan Blue Stain	Gibco	15250-061	
T75 tissue flask	Corning	430725U	
15 mL Conical Tube	Fisherbrand	05-539-5	
50 mL Conical Tube	VWR	21008-178	
5 mL Pipette	Fisherbrand	13-678-11D	
10 mL Pipette	Fisherbrand	13-678-11E	
Tissue Marker	Securline	92167	
Wipes	Kintech	34155	
70% Ethanol	Fisher	63-67-0	
Non-Filter Pipet Tips	Fisherbrand	16160210	
Bleach	Great Value	220-04	
96-well	Falcon	353915	
Cryovial Rack	Nalgene	5030-0505	
Hemocytometer	Gizmo Supply	B00SCOGY56	
TrypLE Express	Gibco	12605-028	

Conical Tube Rack	n/a	n/a	
12-well plate	Corning	3598	
Waste Beaker	n/a	n/a	
1 mL Pipette	Fisherbrand	13-678-11B	
Straight Edge Ruler	n/a	n/a	
Human neonatal dermal fibroblasts (hDFn)	lot: 1734, 2902	106-05n	
Rstudio Statistical Software		ver: 3.5.1	
Image J	NIH	ver: 1.8.0_112	