

Materials List for:

Removal of Trace Elements by Cupric Oxide Nanoparticles from Uranium *In Situ* Recovery Bleed Water and Its Effect on Cell Viability

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Materials

Name	Company	Catalog Number	Comments
CuCl ₂	Sigma	203149	
Borosilicate glass balls	VWR	26396-639	6 mm
Nitric Acid	Fisher	A509-P500	Trace metal grade
0.45 µm syringe filter	Fisher	SLHA 033S S	
10x EMEM	Fisher	BW12-684F	
Fetal Bovine Serum	ATCC	30-2020	
L-glutamine	Fisher	BP379-100	
NaHCO ₃	Sigma	S5761	
Penicillin/Streptomycin	ATCC	30-2300	
0.22 µm vacuum filter unit	Fisher	09-740-28C	
HEK293	ATCC	CRL-1573	
HEPG2	ATCC	HB-8065	
Trypsin	Sigma	SV3003101	
MTT	Sigma	M2128	
D-penicillamine	Fisher	ICN15180680	
96-well plates	Fisher	07-200-92	
DMSO	Fisher	D12814	
Spectra Max 190	Molecular Devices		
Visual MINTEQ version 3.0	KTH Royal Institute of Technology		
ICP-MS	Agilent		Details of instruments, models and detection limits were published in Reddy <i>et al.</i> , 2013.
IC DIONEX DX 500	Dionex		Details of instruments, models and detection limits were published in Reddy <i>et al.</i> , 2013.
VWR Incubator	VWR		