

Materials List for

XTT Assay: A Colorimetric Assay to Assess Cell Viability and Mitochondrial Activity

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URL: <https://www.jove.com/video/20257>

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Materials

Name	Company	Catalog Number	Comments
Iscove's Modified Dulbecco's Medium w/ NaHCO ₃ & 25mM Hepes	Life Technologies	12440079	
Branson SLPe 40kHz Cell Disruptor with 3" (25mm) Cuphorn	Branson Ultrasonics	101-063-726	sonication device
Tip One 100 µl and 1,000 µl Filter Tips	USA Scientific	1120-1840, 1126-7810	
100 µl Micropipette	Wheaton	851164	
1000 µl Micropipette	Wheaton	851168	
Forma Scientific Dual chamber water jacketed Incubator	Forma Scientific	3131	
XTT Cell Proliferation Assay Kit	ATCC	30-1011K	
96-Well Microplate Reader	Cole-Palmer	EW-13055-54	
U937 Human Monocytic Leukemia Cells	ATCC	CRL1593.2	
THP1 Human Monocytic Leukemia Cells	ATCC	TIB-202	