

Materials List for

In Vitro Stimulation and Visualization of Macrophage Extracellular Traps

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URL: <https://www.jove.com/video/21788>

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Materials

Name	Company	Catalog Number	Comments
120Q broad spectrum fluorescent light source	EXFO Photonic Solutions, Toronto, Canada	x-cite series	
Corning CellBIND Multiple Well Plate (12 wells)	Sigma-Aldrich	CLS3336	For cell culture
Hypochlorous acid (HOCl)	Sigma-Aldrich	320331	For MET stimulation
Interferon gamma	Thermo-Fisher	PMC4031	For M1 priming
Interleukin 4	Integrated Sciences	rhil-4	For M2 priming
Interleukin 8	Miltenyl Biotec	130-093-943	For MET stimulation
L-Glutamine	Sigma-Aldrich	59202C	Added to culture media
Olympus IX71 inverted microscope	Olympus, Tokyo, Japan		
Phorbol 12- myristate 13-acetate (PMA)	Sigma-Aldrich	P8139	For MET stimulation
Phosphate buffered saline (PBS)	Sigma-Aldrich	D5652	For washing steps
RPMI-1640 media	Sigma-Aldrich	R8758	For cell culture
SYTOX green	Life Technologies	S7020	For MET visulaization
TH4-200 brightfield light source	Olympus, Tokyo, Japan		x-cite series
Tumor necrosis factor alpha	Lonza	300-01A-50	For MET stimulation