

Materials List for:

High Throughput Measurement of Extracellular DNA Release and Quantitative NET Formation in Human Neutrophils *In Vitro*

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Materials

Name	Company	Catalog Number	Comments
Anti-Human Neutrophil Elastase Rabbit Ab	Calbiochem	481001	1:2,000x coated
Anti-Myeloperoxidase Ab (Rabbit)	Millipore	07-496	1:2,000x coated
DNase-1	Roche	10-104-159-001	1 µg/ml used for digestion
20 mM EGTA/ PBS	Sigma-Aldrich	E3889-25G	
2.5 mM EGTA/PBS	Sigma-Aldrich	E3889-25G	
Cell death detection ELISA Anti-DNA POD	Roche	11544675001	1:500x
Eon Microplate Spectrophotometer	Biotek		
Gen5 All-in-One microplate software	Biotek		analytical tool (ELISA)
Sytox orange	Life Technology	S11368	0.2% final concentration/volume
1 M Hepes	Cellgro	25-060-CI	Use 10 mM final concentration.
1 M glucose	Sigma		Use 5 mM final concentration.
HBSS	Corning	21-023-CM	
Varioskan Flash Ver.2.4.3	Thermoscientific		
PMA	Sigma	P 8139	100 nM final used
ELISA Plate	Greiner bio-one	655061	
Conical tubes 15 ml	Thermoscientific	339650	
Conical tubes 50 ml	Thermoscientific	339652	
Percoll (pH 8.5-9.5)	Sigma	P 1644	Sodium Chloride, Sigma, S7653-250G
Dextran	Spectrum	D1004	
RPMI 1640 media	Corning Cellgro	17-105-CV	
96 well assay plate black plate clear bottom	Costar	3603	