

Materials List for:

# ***Legionella pneumophila* Outer Membrane Vesicles: Isolation and Analysis of Their Pro-inflammatory Potential on Macrophages**

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## Materials

Name	Company	Catalog Number	Comments
10 cm Petri dish	Sarstedt AG & Co KG (Nuembrecht, Germany)	82.1473	
70 Ti rotor	Beckman Coulter Incorporation (California, USA)	337922	
ACES	Carl Roth GmbH & Co KG (Karlsruhe, Germany)	9138.2	
activated charcoal	Carl Roth GmbH & Co KG (Karlsruhe, Germany)	X865.2	
agar-agar, Kobe I	Carl Roth GmbH & Co KG (Karlsruhe, Germany)	5210.2	
Columbia agar with 5% sheep blood	Becton Dickinson GmbH (Heidelberg, Germany)	254005	
cuvettes	Sarstedt AG & Co KG (Nuembrecht, Germany)	67.742	
ELISA (human)	BD OptEIA™; Becton Dickinson GmbH (Heidelberg, Germany)	IL-8: 555244 IL-6: 550799	
ELISA (murine)	DuoSet, R&D (Minneapolis, USA)	CXCL1: DY453-05	
Fe(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O	Carl Roth GmbH & Co KG (Karlsruhe, Germany)	5632.1	
Fetal calf serum (FCS)	Life Technologies GmbH (Darmstadt, Germany)	10270-106	
Heracell 240i CO <sub>2</sub> incubator	Thermo Fisher Scientific Germany BV & Co KG (Braunschweig, Germany)	40830469	
Heraeus Multifuge X3R	Thermo Fisher Scientific Germany BV & Co KG (Braunschweig, Germany)	75004515	
Inoculation loop	Sarstedt AG & Co KG (Nuembrecht, Germany)	86.1567.010	
KOH	Carl Roth GmbH & Co KG (Karlsruhe, Germany)	6751.1	
<i>L. pneumophila</i> Corby	---	---	kindly provided by Prof Dr Antje Flieger (RKI, Berlin, Germany)
<i>L. pneumophila</i> Corby ΔflaA	---	---	kindly provided by Prof Dr Klaus Heuner (RKI, Berlin, Germany)
L-cystein	Carl Roth GmbH & Co KG (Karlsruhe, Germany)		
mBMDM	---	---	kindly provided by Prof Dr Markus Schnare (Philipps University Marburg, Marburg, Germany)

			and Prof Dr Carsten Kirschning (University Duisburg Essen, Essen, Germany)
PBS	Biochrom GmbH (Berlin, Germany)	L 1825	
phorbol 12-myristate 13-acetate	Sigma-Aldrich Chemie GmbH (Taufkirchen, Germany)	P8139-1MG	
rotating shaker (MaxQ 6000)	Thermo Fisher Scientific Germany BV & Co KG (Braunschweig, Germany)	SHKE6000	
RPMI 1640 high glucose	Life Technologies GmbH (Darmstadt, Germany)	11875-093	
saponin	Carl Roth GmbH & Co KG (Karlsruhe, Germany)	9622.1	
Ultrospec 10	Biochrom Ltd (Cambridge, England)	80-2116-30	
sterile filter (pore size: 0.22 µm)	Corning Incorporated (new York, USA)	431096	
THP-1	Sigma-Aldrich Chemie GmbH (Taufkirchen, Germany)	88081201-1VL	
Sorvall Discovery 100 SE	Thermo Fisher Scientific Germany BV & Co KG (Braunschweig, Germany)		
yeast extract	Carl Roth GmbH & Co KG (Karlsruhe, Germany)	2363.2	
Pierce BCA protein assay kit	Thermo Fisher Scientific Germany BV & Co KG (Braunschweig, Germany)	23225	