

Materials List for:

Assaying Predatory Feeding Behaviors in *Pristionchus* and Other Nematodes

James W. Lightfoot¹, Martin Wilecki¹, Misako Okumura¹, Ralf J. Sommer¹

¹Department for Evolutionary Biology, Max-Planck Institute for Developmental Biology

*These authors contributed equally

Correspondence to: Ralf J. Sommer at ralf.sommer@tuebingen.mpg.de

URL: <https://www.jove.com/video/54404>

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Materials

Name	Company	Catalog Number	Comments
Nylon net filters (20 µm)	Merck Millipore Ltd	NY2004700	Used to filter worms just leaving larvae for use as prey.
PP Funnel for filter (54 mm)	Duran	292215003	Used to filter worms just leaving larvae for use as prey.
Small petri dish (35/10 mm)	Greiner Bio-One	627102	For imaging on High speed camera
Zeiss SteREO Discovery V12			For mouth form identificaton
Axio-Imager A1			For mouth form identificaton
Glass Slides	Roth	H869	
Cover Slips	Roth	657	
Motion Scope M3 Highspeed camera	IDT		High speed camera
Video zoom 44 ENG 1/2" 0.5X to 2.4X	Zeis	452984-0000-000	High speed camera zoom
Nematode Growth Medium (NGM) ingredients:			
Agar	Roth	5210.2	CAS-Nr. 9002-18-0
Sodium chloride (NaCl)	Roth	3957	CAS-Nr. 7647-14-5
Bacto Tryptone	BD	211699	Lot 4316614
Calcium chloride dihydrate (CaCl ₂)	Sigma-Aldrich	C3306	CAS-Nr. 10035-04-8
Cholesterol from lanolin	Sigma-Aldrich	F 26732 00050	CAS-Nr. 57-88-5
Magnesium sulfate heptahydrate (MgSO ₄)	Merck	1,058,861,000	CAS-Nr. 10034-99-8
Potassium dihydrogen phosphate (KH ₂ PO ₄)	ACROS organics	271080025	CAS-Nr. 7778-77-0
6 cm petri dish	Greiner Bio-One	628102	
3.5 cm petri dish	Greiner Bio-One	627102	
M9 ingredients:			
Potassium dihydrogen phosphate (KH ₂ PO ₄)	ACROS organics	271080025	CAS-Nr. 7778-77-0
Sodium hydrogen phosphate heptahydrate (NaHPO ₄)	Sigma-Aldrich	S9390-500G-D	CAS-Nr. 7782-85-6
Sodium chloride (NaCl)	Roth	3957	CAS-Nr. 7647-14-5