

Materials List for:

Isolation of Viable Multicellular Glands from Tissue of the Carnivorous Plant, *Nepenthes*

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Materials

Name	Company	Catalog Number	Comments
RNAqueous-Micro Kit	Life Technologies GmbH, Germany	AM1931	Isolation of total RNA, 50 samples
Dynabeads mRNA DIRECT Micro Kit	Life Technologies GmbH, Germany	61011	5 ml Dynabeads Oligo (dT) ₂₅
DynaMag-2 magnet	Life Technologies GmbH, Germany	12321D	
SuperScript CellsDirect cDNA Synthesis System	Life Technologies GmbH, Germany	18080-200	25 reactions
RNaseOUT	Life Technologies GmbH, Germany	10777-019	Rnase inhibitor, 5,000 units
Random Hexamers (0.4 µg/µl)	QIAGEN GmbH, Germany	79236	100 µl
10 mM dNTP Mix, molecular biology grade	Fermentas GmbH, Germany	R0192	1 ml
<i>Taq</i> DNA polymerase, (recombinant)	Fermentas GmbH, Germany	EP0402	Supplied with 10x <i>Taq</i> buffer (with KCl or (NH ₄) ₂ SO ₄) and 25 mM MgCl ₂
TURBO DNase	Life Technologies GmbH, Germany	AM2238	1,000 units
Agarose	Carl Roth GmbH Co. Germany	T846.3	
GeneRuler Low Range DNA ladder, ready-to-use	Fermentas GmbH, Germany	SM1193	50 µg
Brilliant II SYBR Green QPCR Master Mix	Agilent Technologies, Inc., USA	600828	Single kit
RNaseZAP	Sigma-Aldrich, Taufkirchen, Germany	R2020	
Razor blade	Carl Roth GmbH Co., Germany	CK08.1	
Tweezers	Carl Roth GmbH Co., Germany	2801.1 / 2855.1	
GE NanoVue spectrophotometer	GE Healthcare Europe GmbH, Germany	28-9569-62	
Mastercycler gradient	Eppendorf AG, Hamburg, Germany	5331 000.010	
Mx3000P Real-Time PCR System	Stratagene, USA	401403	
Agagel Standard Horizontal Gel Electrophoresis Chamber	Biometra	Discontinued	
Micromanipulator	aura optik gmbh	aureka	Equipped with a microforceps
Stereomicroscope	Carl Zeiss Microscopy, Jena, Germany	SteREO Lumar.V12	Equipped with an AxioCam
Lumar Filter set 01	Carl Zeiss, Microscopy, Jena, Germany	485001-0000-000	UV filter
Lumar Filter set 09	Carl Zeiss, Microscopy, Jena, Germany	485009-0000-000	non-UV filter