

Materials List for:

Avian Semen Collection by Cloacal Massage and Isolation of DNA from Sperm

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Materials

Name	Company	Catalog Number	Comments
Microhematocrit capillary tubes	Fisherbrand	22-362566	Any supplier can be used. Smaller tubes may be more effective for collection of small semen samples, such as from very small passerine birds like chipping sparrow.
Microcentrifuge tubes	Any		
1x PBS	Any		Used for storing semen samples prior to DNA extraction.
DL-Dithiothreitol	Sigma-Aldrich	D0632	
Tris base	Sigma-Aldrich	10708976001	Any supplier can be used.
EDTA	Sigma-Aldrich	1233508	Any supplier can be used.
NaCl	Sigma-Aldrich	793566	Any supplier can be used.
SDS	Sigma-Aldrich	1614363	Any supplier can be used.
QIAamp DNA micro kit	Qiagen	56304	Qiagen QIAamp DNA micro kit is recommended specifically. This DNA extraction protocol has been attempted with other commercial kits but with little success. The reasons for this are unknown to us.