

Materials List for:

# Dorsal Root Ganglia Isolation and Primary Culture to Study Neurotransmitter Release

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## Materials

Name	Company	Catalog Number	Comments
Mixture of tiletamine and zolazepam (Zoletil)	Virbac	Zoletil 50	anaesthetic
Fetal bovine serum	Biological Industries	04-001-1	Culture Medium
sodium pyruvate	Sigma	S8636	Culture Medium
penicillin/streptomycin	Biological Industries	03-033-1	Culture Medium
DMEM-F12	Invitrogen	12400024	Culture Medium
Poly-L-lysine	Sigma	P9011	Coating dish
Collagenase IA	Sigma	9001-12-1	Enzyme digestion
Hank's balanced salt solution	Invitrogen	14170-112	Culture Medium
Trypsin EDTA	Biological Industries	03-051-5	Enzyme digestion
Pasteur pipette	Hilgenberg	3150102	Cell trituration
Cytarabine (Ara-C)	Sigma	C6645	Culture Medium
NGF	Millipore	NC011	Culture Medium
NPF2 siRNA	Dharmacon	L-099691-02-0005	Transfection
Non-targeting siRNA	Dharmacon	L-001810-10-05	Transfection
NeuroPORTER Reagent	Genlantis	T400150	Transfection reagent
dNPA	Genemed Synthesis	N/A	NPF2 agonist
CGRP ELISA	Cayman	589001	EIA
SP ELISA	Cayman	583751	EIA
CGRP antibody	Calbiochem	PC205L	IHC
DAPI	Roche	10236276001	IHC