

Materials List for:

A Positioning Device for the Placement of Mice During Intranasal siRNA Delivery to the Central Nervous System

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Materials

Name	Company	Catalog Number	Comments
Comercial assays			
iScript cDNA synthesis kit	BioRad	Cat# 1708891	
RNAiso plus	TaKaRa Bio	Cat# 9108	
SYBR Premix ExTaq	TaKaRa Bio	Cat# RR420A	
Dyes			
Alexa fluor 488	ThermoFisher	Cat# A30052	
Mouse strain			
Balb/c	Orient Bio	N/A	6-8 week old, 20-30g
Oligonucleotides and primers			
Human CD4	ST Pharm	N/A	Sense: 5'-GAUCAAGAGACUCCUCAGU-3'
siSOD1	ST Pharm	N/A	Sense: 5'-GGUGGAAAUGAAGAAAGUA-3'
GAPDH primers	ST Pharm	N/A	F: 5'-AACTTTGGCATTGTGGAAGG-3' R: 5'-GGAGACAACCTGGTCCTCAG-3'
SOD1 primers	ST Pharm	N/A	F: 5'-CCAGTGCAGGACCTCATT-3' R: 5'-CACCTTTGCCCAAGTCATCT-3'
Peptides			
RVG9R	Peptron	N/A	YTIWMPENPRPGTPCDIFTNSR GKRASNGGGRRRRRRRRRR
RVM9R	Peptron	N/A	MNLLRKIVKNRRDQKSS PASAPLDGGGRRRRRRRRRR
Software, algorithms and devices			
FlowJo software 4.3	FlowJO, LLC	N/A	http://docs.flowjo.com/vx/
Mouse positioning device	Signet Biotech	N/A	
Prism software	Graphpad	N/A	https://www.graphpad.com/scientificsoftware/prism/
Prism software	Graphpad	N/A	https://www.graphpad.com/scientificsoftware/prism/