

## Experiment Protocol (2P)

Objective:

Date:

Pick-up:

Weight:

Thin:

Skull:

Mouse Information

### ID

Strain

Sex

Birth Date

Equipment Information

LSM Tune:

Config:

OIS Setup:

Filters:

Dyes:

### Infusion/Injections Administration Log

Time	Drug/Conc	Dose/Route
:		
:		
:		
:		
:		
:		

Anesthesia Notes:

Stimulation Information

Experiment	Stimulation	ISO/o <sub>2</sub> /N <sub>2</sub> O/HR	Measurements	FileNames
# 1.	i/A=	D/L=	OIS PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM	Pow= Gain/Off Det1= Det2=
# 2.	i/A=	D/L=	OIS PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM	Pow= Gain/Off Det Mag= Int=
# 3.	i/A=	D/L=	OIS PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM	Pow= Gain/Off Det Mag= Int=
# 4.	i/A=	D/L=	OIS PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM	Pow= Gain/Off Det Mag= Int=
# 5.	i/A=	D/L=	OIS PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM	Pow= Gain/Off Det Mag= Int=
# 6.	i/A=	D/L=	OIS PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM	Pow= Gain/Off Det Mag= Int=
# 7.	i/A=	D/L=	OIS PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM	Pow= Gain/Off Det Mag= Int=
# 8.	i/A=	D/L=	OIS PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM	Pow= Gain/Off Det Mag= Int=
# 9.	i/A=	D/L=	OIS PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM	Pow= Gain/Off Det Mag= Int=
# 10.	i/A=	D/L=	OIS PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM	Pow= Gain/Off Det Mag= Int=

### Notes

Stimulus Information (cont):

**Infusion/Injections Administration Log**

Time	Drug/Conc	Dose/Route
:		
:		
:		
:		
:		
:		

Experiment	Stimulation	ISO/o <sub>2</sub> /N <sub>2</sub> O/HR	Measurements	FileNames	
# 11.	i/A=	D/L=	OIS	PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM		Pow= Gain/Off Det1= Det2=
# 12.	i/A=	D/L=	OIS	PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM		Pow= Gain/Off Det Mag= Int=
# 13.	i/A=	D/L=	OIS	PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM		Pow= Gain/Off Det Mag= Int=
# 14.	i/A=	D/L=	OIS	PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM		Pow= Gain/Off Det Mag= Int=
# 15.	i/A=	D/L=	OIS	PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM		Pow= Gain/Off Det Mag= Int=
# 16.	i/A=	D/L=	OIS	PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM		Pow= Gain/Off Det Mag= Int=
# 17.	i/A=	D/L=	OIS	PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM		Pow= Gain/Off Det Mag= Int=
# 18.	i/A=	D/L=	OIS	PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM		Pow= Gain/Off Det Mag= Int=
# 19.	i/A=	D/L=	OIS	PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM		Pow= Gain/Off Det Mag= Int=
# 20.	i/A=	D/L=	OIS	PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM		Pow= Gain/Off Det Mag= Int=
# 21.	i/A=	D/L=	OIS	PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM		Pow= Gain/Off Det Mag= Int=
# 22.	i/A=	D/L=	OIS	PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM		Pow= Gain/Off Det Mag= Int=
# 23.	i/A=	D/L=	OIS	PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM		Pow= Gain/Off Det Mag= Int=
# 24.	i/A=	D/L=	OIS	PLX	Exp= #Fr= Obj= Zm/Gn=
:	I/f=	M,N= /	LSM		Pow= Gain/Off Det Mag= Int=

**Notes**

## **Induction, Surgical and Chemical Procedures**

### **INDUCTION:**

Ketamine @ 75mg/kg=

Xylazine @ 10mg/kg=  
(or DEX @ 0.05mg/kg)  
Ketamine @ 30mg/kg/hr=

Atropine @ XX mg/kg=

Dexamethasone @ XXmg/kg=

Dextrose @ 10% solutions

### **OTHER CHEMICALS:**

### **SURGICAL:**

Induce

Shave

IP line

Forepaw line

Ear bars

Oxygen blow-by

ECG leads

Craniotomy- prep well

Release CSF

Craniotomy

Agarose 1%

Drip line

Place Probes

Experiment