

Materials List for:

Induction of Maternal Immune Activation in Mice at Mid-gestation Stage with Viral Mimic Poly(I:C)

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URL: <https://www.jove.com/video/53643>

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Materials

Name	Company	Catalog Number	Comments
Polyinosinic–polycytidylic acid potassium salt	SIGMA	P9582	
0.9% sodium chloride INJ. USP	HOSPIRA	NDC 0409-4888-10	
MONOJECT insuline syringe 3/10 ml 29 G x 1/2"	COVIDIEN	8881600145	
50 ml conical screw cap tubes	USA SCIENTIFIC	1500-1211	
Nanodrop 1000 spectrophotometer	THERMO SCIENTIFIC	1000	Optional
Stereomicroscope	Wild Heerbrugg	M5A	Optional
Dumont #5 Forceps Inox Tip Size .10 X .06 mm	Roboz	RS-5045	Optional
RNAlater RNA stabilization reagent	Qiagen	76104	Optional
TRIzol reagent	Life Technologies	15596-026	Optional
RQ1 Rnase-free DNase	Promega	M610A	Optional
iScript cDNA synthesis kit	Bio-Rad	170-8891	Optional
FastStart universal SYBR green master mix with ROX	Roche	4913922001	Optional
Real-time PCR	ABI	7300	Optional
Primer: Il6 forward	Life Technologies	TAGTCCTTCCTACCCCAATTTC	Optional
Primer: Il6 Reverse	Life Technologies	TTGGTCCTTAGCCACTCCTTC	Optional
Primer: beta-actin forward	Life Technologies	AGAGGGAAATCGTGCGTGAC	Optional
Primer: beta-actin Reverse	Life Technologies	CAATAGTGATGACCTGGCCGT	Optional
MicroAmp optical 96-well reaction plate	Life Technologies	4306737	Optionl
MicroAmp optical adhesive film	Life Technologies	4311971	Optionl
EthoVision	Noldus	EthoVision	Optionl
SR-LAB apparatus (PPI)	San Diego Instruments	SR-LAB	Optionl
Marbles	PENN-PLAX	Blue gem stones marbles	Optionl
Dulbecco's Phosphate-Buffered Saline (DPBS)	Life Technologies	21600-069	Optionl
Paraformaldehyde	MACRON	2621-59	Optionl
Vibratome	Leica	VT1000 S	Optionl
Sodium azide	Sigma	S2002	Optionl
Triton x-100	Sigma	X100	Optionl
Hydrogen peroxide solution	Sigma	18312	Optionl

Goat serum	Vector Laboratories	S-1000	Optionl
Rabbit anti-calbindin antibody	Abcam	ab11426	Optionl
Biotinlyated goat anti-rabbit IgGantibody	Vector Laboratories	BA-1000	Optionl
VECTASTAIN ABC Kit	Vector Laboratories	PK-4000	Optionl