

Materials List for:

# Chemical-Induced Skin Carcinogenesis Model Using Dimethylbenz[a]Anthracene and 12-O-Tetradecanoyl Phorbol-13-Acetate (DMBA-TPA)

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URL: <https://www.jove.com/video/60445>

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## Materials

Name	Company	Catalog Number	Comments
1000 ul RPT XL Graduated Filter Tip (Sterile), Refill	Starlab	S1182-1730-C	
300 ul RTP Graduated Filter Tip (sterile), Refill	Starlab	S1180-9710-C	
7,12-Dimethylbenz[a]anthracene (DMBA)	Sigma	D3254-100MG	Harmful if swallowed and may cause cancer. Store protected from light.
Acetone	Sigma	1000141011	Evaporates rapidly and is inflammable.
Attane vet 1000 mg/g	Piramal Critical Care Limited		Liquid isoflurane for inhalation
Battery-Operated Clipper Isis	Albert Kerlb GmbH	GT421	For shaving the fur
CONTRAFuran-Restgasfilter	ZeoSys GmbH		For anesthesia
Linex Nature N1030 Ruler 30 cm	Staples Business Advantage	60383	For measuring papillomas
Medium CO2 Chamber 300 x 200 x 200mm - Red	VetTech Solutions Ltd	AN045AR	For sacrifice
Mekasoft	Mekalasi	23008	Table cover
Mice (Balb/c JRj)	Janvier labs		Other strains also possible
Mice (C57BL/6JRj)	Janvier labs		Other strains also possible
Panasonic Lumix DMC-FS5 Digital Camera	Panasonic		
Paraformaldehyde	Merck	30525-89-4	For histology samples
Phorbol 12-myristate 13-acetate aka 12-Otetradecanoylphorbol-13-acetate (TPA)	Enzo	BML-PE160-0001	
Precision balance PLJ-C/PLJ-G	KERN & SOHN GmbH	PLJ 600-3CM	
Pre-Set CO2 System-2 Chamber-S/S Housing	VetTech Solutions Ltd	AN044BX	For sacrifice
RNAlater	Qiagen	76104	For nucleic acid samples
Tacta pipette 100-1000 ul	Sartorius	LH-729070	
Tacta pipette 20-200 ul	Sartorius	LH-729060	
UNO Anaesthetic Key Filler	Scintica instrumentation inc.		For anesthesia
UNO Face Mask for Mouse	Scintica instrumentation inc.		For anesthesia
UNO FM2200 Flowmeter	Scintica instrumentation inc.		For anesthesia
UNO Gas Exhaust Unit	Scintica instrumentation inc.		For anesthesia

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UNO Induction Box	Scintica instrumentation inc.		For anesthesia
UNO200VAP Vaporizer	Scintica instrumentation inc.		For anesthesia