

Rapid and Cost-Effective RNA Extraction of Rat Pancreatic Tissue

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jove.com/video/61255

Materials

Name	Company	Catalog Number	Comments
Agarose	Merck	116801	Germany
Atoclave	Teb Zaim		Iran
Centrifuge	Sigma		Germany
Chloroform	Merck	107024	Germany
Diethylpyrocarbonate (DEPC)-treated water	Sigma		Germany
EDTA	sigma	60-00-4	Germany
Electrophoresis tank	Payapajooresh		Iran
Eppendorf microTube	Extragene		Taiwan
EtBr	sigma	E 8751	Germany
Ethanol	Merck	81870	Germany
Falcon Tube	Extragene		Taiwan
Formaldehyde	Merck	344198	Germany
Formamide	Merck	344206	Germany
Homogenizer-sunicator	Microson XL 2000		USA
Isopropanol	sigma	19516	Germany
Ketamine hydrochloride	sigma	1867-66-9	Germany
Laminar Flow Hood	Jal Tajhiz		Iran
Magnetic stirrer	Labortechnik		USA
Microcentrifuge	Eppendorf		Germany
Micropipette Tips	Extragene		Taiwan
MOPS	sigma	85022106	Germany
Na AC	Merck	567422	Germany
NaOH	Merck	109137	Germany
Oven	Teb Zaim		Iran
PH meter	Knick		Germany

RNA Later/RNA stabilization reagent	Qiagen	76104	USA
Surgical instrument	Agn Thos		German made
Syringes	AvaPezeshk		Iran
TriPure reagent/RNA extraction reagent	Roche	11667157001	USA
Vortex	Labinco		Netherland
Water bath	Memmert		Germany
zylazine	sigma	7361-61-7	Germany