

Materials List for:

Nanomanipulation of Single RNA Molecules by Optical Tweezers

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URL: <https://www.jove.com/video/51542>

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Materials

Name	Company	Catalog Number	Comments
Minitweezers	Steven B. Smith Engineering		http://tweezerslab.unipr.it
Data acquisition card	National Instruments	USB-6351	
Video card	National Instruments	PCI-1407	
Labview programming software	National Instruments		
NI Vision Builder	National Instruments		
Laser engraver	Epilogue laser systems	Zing-16	
PCR purification kit	Qiagen	28104	
MEGAscript T7 kit	Life Technologies	AM1334	
MEGAclear kit	Life Technologies	AM1908	
Biotin-11-UTP	Thermo Fisher	FERR0081	
T4 DNA polymerase	New England Labs	M0203	
Streptavidin coated microsphere	Spherotech	SVP-20-5	
Antidigoxigenin coated microsphere	Spherotech	DIGP-20-2	
Size standard microspheres	Spherotech	PPS-6K	
Kapton tape	Kaptontape.com	KPPTDE-1	
No. 2 cover glass	Thermo Fisher	12-543D	