

Materials List for:

# MISSION esiRNA for RNAi Screening in Mammalian Cells

Mirko Theis<sup>1</sup>, Frank Buchholz<sup>1</sup>

<sup>1</sup>Max Planck Institute of Molecular Cell Biology and Genetics

Correspondence to: Frank Buchholz at [buchholz@mpi-cbg.de](mailto:buchholz@mpi-cbg.de)

URL: <https://www.jove.com/video/2008>

DOI: [doi:10.3791/2008](https://doi.org/10.3791/2008)

## Materials

Name	Company	Catalog Number	Comments
MISSION esiRNA	Sigma-Aldrich		For additional information contact: <a href="mailto:rmai@sial.com">rmai@sial.com</a>
Wellmate	Thermo Fisher Scientific, Inc.		
Breathable sealing tape	Corning	Breathable Sealing Tape, Sterile (Product #3345)	
OptiMEM	Invitrogen		
<a href="#">Ethanol</a>	Sigma-Aldrich	E7023	200 proof (absolute), for molecular biology
<a href="#">Phosphate buffered saline</a>	Sigma-Aldrich	P5493	BioReagent, 10x concentrate, suitable for cell culture, for molecular biology
<a href="#">4',6-Diamidino-2-phenylindole dihydrochloride</a>	Sigma-Aldrich	D8417	Poweder, BioReagent, suitable for cell culture, >98% (HPLC and TLC)
<a href="#">Ribonuclease A from bovine pancreas</a>	Sigma-Aldrich	R6513	For molecular biology, ≥70 Kunitz units/mg protein, lyophilized powder
<a href="#">Tris-EDTA buffer solution</a>	Sigma-Aldrich	T9285	100 x, for molecular biology