

Materials List for:

# A Standard Methodology to Examine On-site Mutagenicity As a Function of Point Mutation Repair Catalyzed by CRISPR/Cas9 and SsODN in Human Cells

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URL: <https://www.jove.com/video/56195>

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## Materials

Name	Company	Catalog Number	Comments
McCoy's 5A Modified medium	ATCC	30-2007	
Fetal Bovine Serum (FBS)	ATCC	30-2020	
L-glutamine	ATCC	30-2214	
Penicillin-Streptomycin Solution	ATCC	30-2300	
Dulbecco's Phosphate Buffered Saline	ATCC	30-2200	No Calcium or magnesium
Trypsin EDTA Solution	ATCC	30-2101	
Aphidicolin 1mg	Thermo Fisher	AC611970010	
Alt-R CRISPR crRNA, 10 nmol	IDT		No catalog number since its made to your specific gene target.
CRISPR-Cas9 tracrRNA, 20 nmol	IDT	1072533	
S.p. Cas9 Nuclease 3NLS, 500 µg	IDT	1074182	
IDTE Buffer	IDT	11-01-03-01	
Zeus Electroporation Cuvettes 0.4 Cm	VWR	10497-474	
Gene Pulser Xcell Electroporation Systems	BioRad	1652660	
Bovine serum albumin lyophilized powder, crystallized, ≥98.0% (GE)	Sigma	05470-1G	
EDTA (0.5 M), pH 8.0	ThermoFisher Scientific	AM9260G	
Propidium Iodide - 1.0 mg/mL Solution in Water	ThermoFisher Scientific	P3566	
DNeasy Blood & Tissue Kit (250)	Qiagen	69581	
6-well Standard Line Multiwell Cell Culture Plates	VWR	10062-892	
Petri Dishes	Fisher	12-565-90	
Conical Tubes (15 mL) (racked)	Thermo Fisher	AM12500	
Trypan Blue Solution, 0.4%	Thermo Fisher	15250061	
Reduced Serum Medium	Thermo Fisher	31985062	