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DIY CRISPR KIT

DIY Bacterial Gene Engineering CRISPR Kit

This kit includes everything you need to make precision genome edits in bacteria at home including Cas9, gRNA and Template DNA template for an example experiment.



- LB Agar
- LB Strep/Kan/Arabinose Agar
- Glass bottle for pouring plates
- Non-pathogenic E. coli DH5a bacteria
- Inoculation Loops/Plate Spreader
- 10-100uL variable volume adjustable pipette(1uL increments)
- Box of 96 Pipette Tips
- 14 Petri Plates
- Microcentrifuge tube rack

- Nitrile Gloves
- Microcentrifuge tubes
- 50mL Tube for measuring
- Bacterial transformation buffer 25mM CaCl₂, 20% PEG 8000
- LB Media for transformation recovery
- Cas9 plasmid
- gRNA plasmid
- Template DNA

DIY Bacterial CRISPR Refill/Classroom Kit

This kit provides the media, CRISPR encoding plasmid DNA, bacteria/ human tissue isolated cell lines and plasticware to perform a bacterial or human CRISPR experiment.

- 50uL of Cas9 plasmid
- 50uL of gRNA plasmid
- 50uL template DNA
- Strep/Kan/Arabinose Agar Media
- LB Agar Media
- LB Media
- 20 microcentrifuge tubes
- 14 plates
- Non-pathogenic DH5a E. coli bacteria
- Inoculation loops
- 750uL Bacterial Transformation Buffer



Contact Us

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