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BABS UNSW iGEM Lab Protocol



Procedure	Name		Miniprep (Qiagen)			
	Description		To isolate plasmid DNA from an overnight culture using a Qiagen miniprep kit			
Document	Name	Isabelle Capell-Hattam	Date	2/07/15	Version	1
Requirements	Time		~30 Minutes + Overnight			
	PPE		Lab Coat, Gloves			
	Equipment		37°C shaking incubator Centrifuge (fits 15 mL falcon tubes) Bench Centrifuge (fits 1.5 mL tubes) Pipettes and tips Nanodrop (optional)			
	Materials		1x15 mL falcon tube LB Broth Stock concentration antibiotic (that the plasmid is resistant for) QIAGEN QIAprep Spin Miniprep Kit 2x 1.5 mL tubes			
Step 1	In a 15mL falcon tube set up an overnight culture containing: <ul style="list-style-type: none"> ● 3mL LB Broth ● 3µl of stock concentration antibiotic ● a colony of the bacteria of interest Incubate at 37°C overnight					
Step 2	Pellet the overnight culture at 4000 RPM for 15 minutes					
Step 3	Follow the QIAGEN QIAprep Spin Miniprep Kit Instructions					
Step 4 (optional)	Determine the concentration of the eluted plasmid via nanodrop					
Version History						