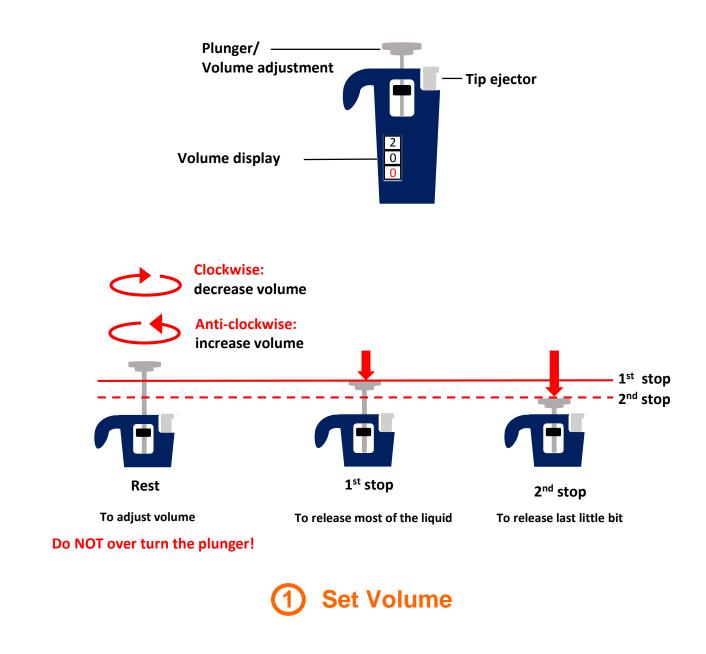
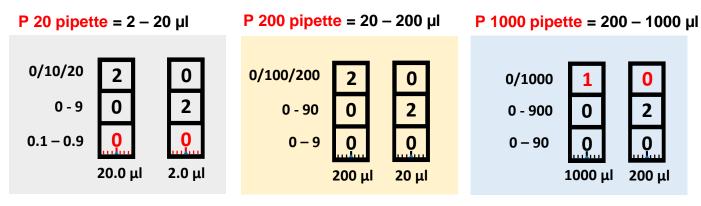
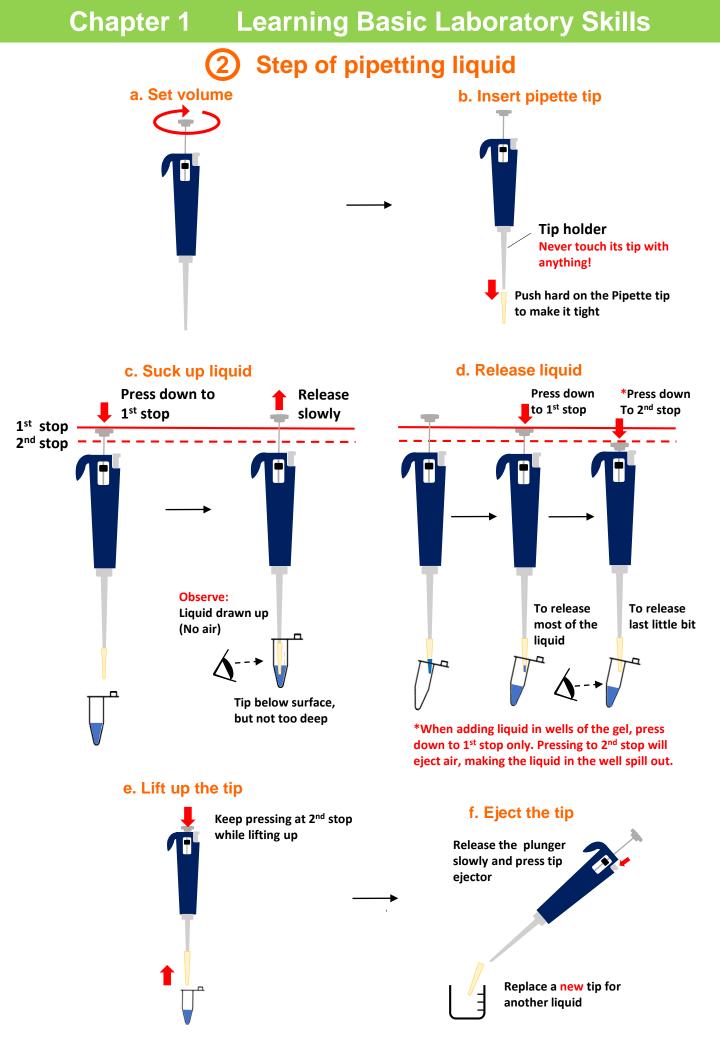
Chapter 1 Learning Basic Laboratory Skills

How to use a micropipette?



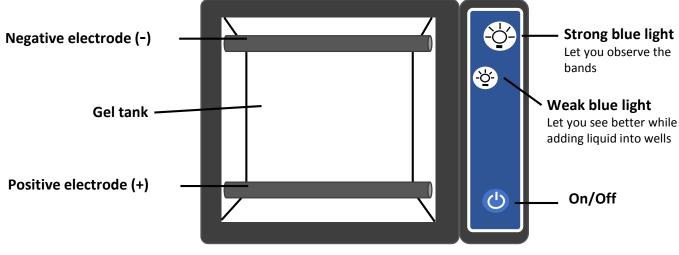


Never set volume above or below the limits!



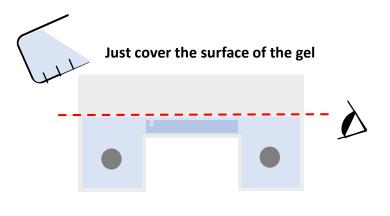
Chapter 1 Learning Basic Laboratory Skills

How to do a gel electrophoresis?

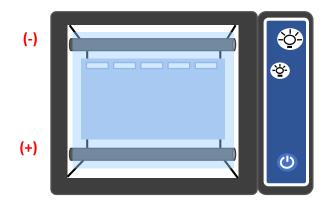


Gel System

a. Add buffer to the gel tank



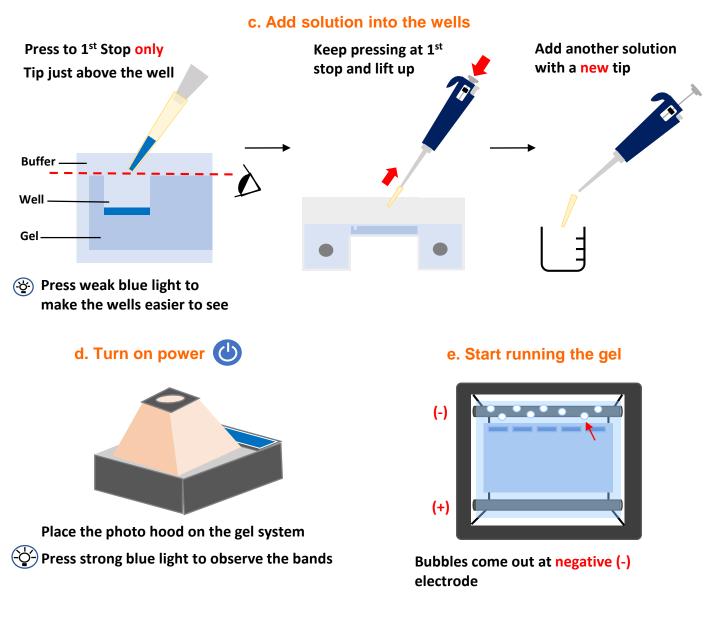
b. Put the gel tank into the gel system



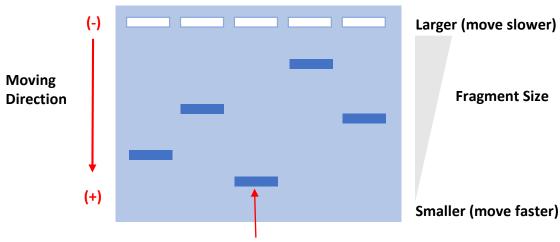
Make sure the wells are on the negative (-) side

Chapter 1 Learning Basic Laboratory Skills

How to do a gel electrophoresis?

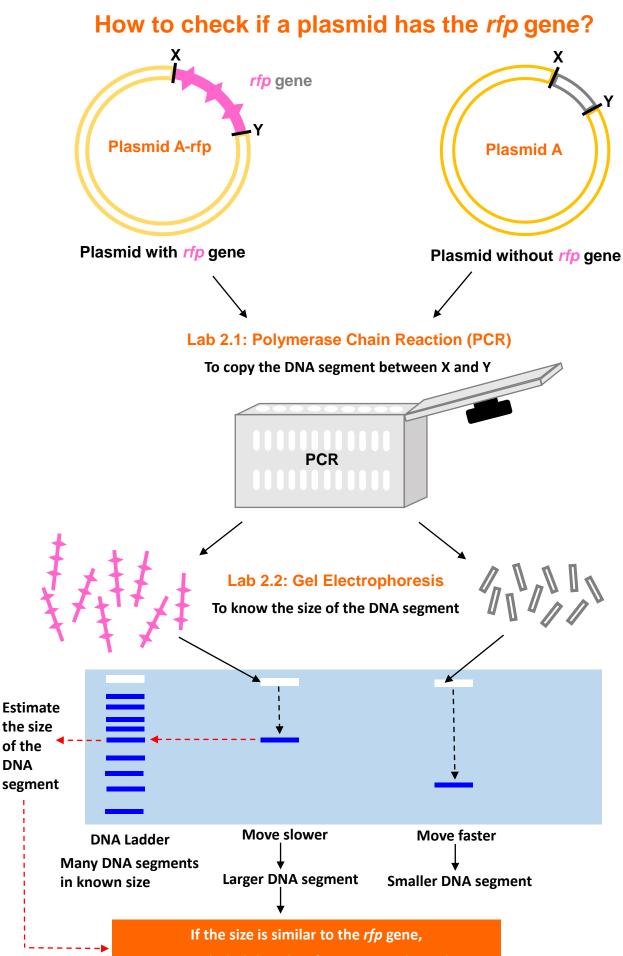


f. Observe bands appearing from (-) to (+) electrode



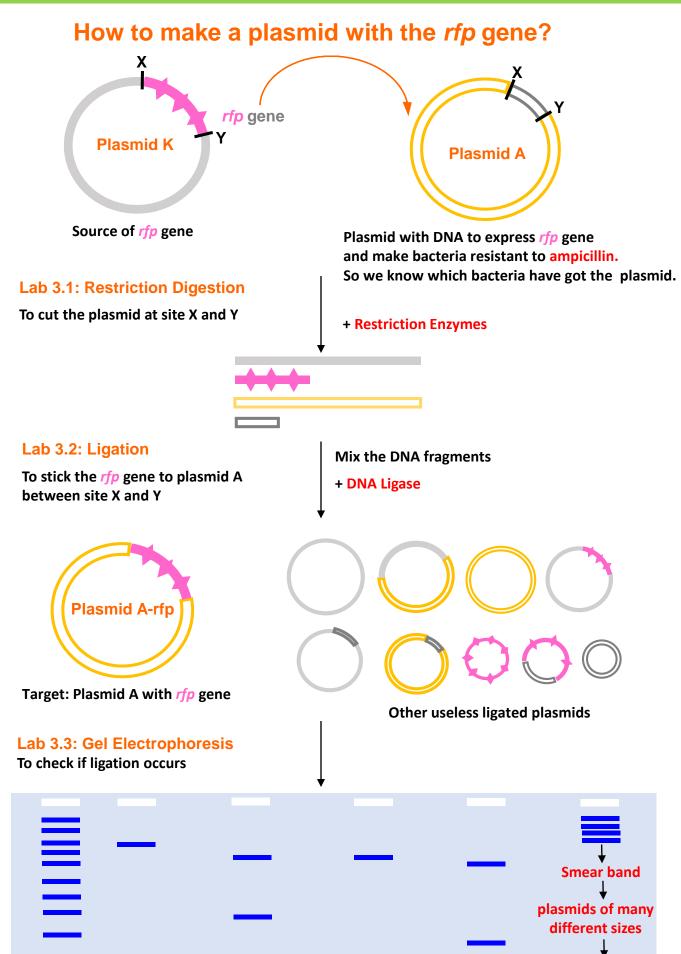
Bands show different sizes of DNA fragments

Chapter 2 Identifying a Recombinant Plasmid



it is concluded that the rfp gene is in plasmid A





DNA Ladder Uncut Plasmid K Cut Plasmid K Uncut Plasmid A Cut Plasmid A Ligation happens

Chapter 4 Creating Genetic Modified Bacteria

How to put the plasmid with rfp gene into a bacteria?

