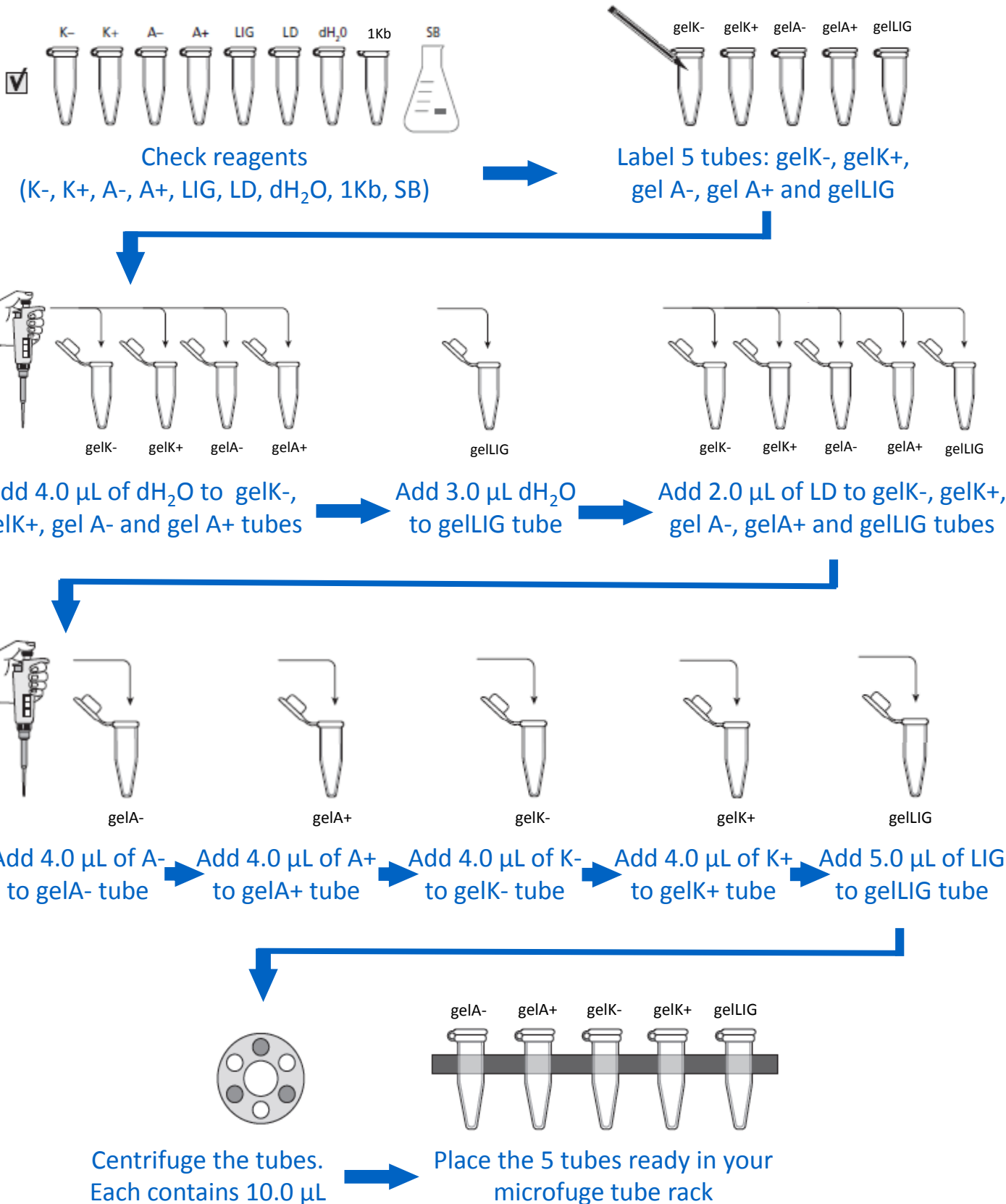


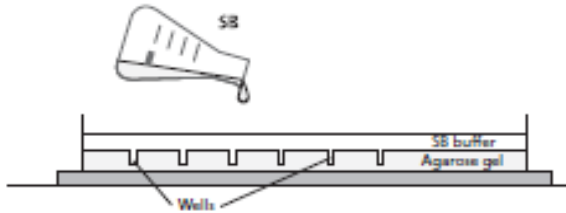
5 – Checking you've created a recombinant plasmid

Lab 5: Preparation of samples for agarose gel electrophoresis

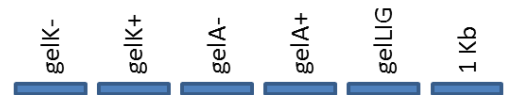


5 – Checking you've created a recombinant plasmid

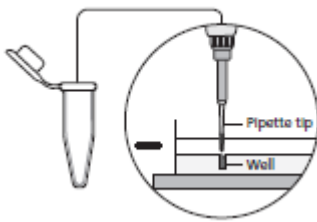
Lab 5: Visualisation of products from restriction digestion and ligation using agarose gel electrophoresis



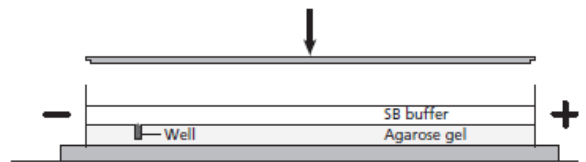
Cover agarose gel in SB buffer with wells next to the negative electrode



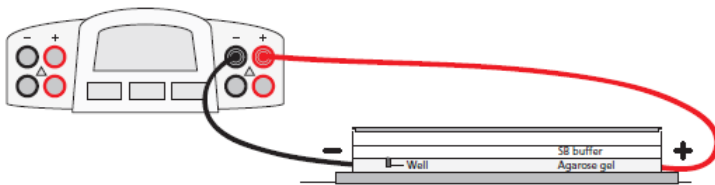
Note the planned loading order of samples in the wells



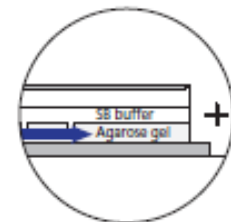
Pipette 10.0 µL of each sample into the designated well of the gel



Place the cover on the gel electrophoresis unit



Connect leads to power supply. Check polarity matches. Set to 130V. Electrophorese for 50 min



Check the loading dye is moving towards the positive electrode



Once electrophoresis is complete, stain gel in GelRed for 30 minutes



Visualise the DNA using the UV transilluminator. Record the image using the camera