

AS and A-level Biology practicals: Equipment set up

Practical 1: Investigation into the effect of a named variable on the rate of an enzyme-controlled reaction

Equipment start

Collect the apparatus and label the equipment. Make sure there is a permanent marker available to mark the crosses on each tube.



Put tubes in the water bath



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- Make sure that the crosses on the tubes are visible and marked in permanent waterproof marker.
- Leave the tubes in the water bath before mixing.
- Once mixed start the clock and time how long it takes for the cross to be visible through the solution.
- If the tubes are positioned carefully then it is possible to view the cross through the beaker and solution. If an electric water bath is used then the tubes will have to be quickly removed and replaced to monitor the clearing.