



Lab Techniques for Biologists (KA1)

What is the difference between a typical culture media and a complex culture media?

Describe the process of Western blotting.

Explain the difference between: absorbance, transmission and turbidity.

Why is fluorescent labelling of antibodies useful?

Why would you use tumour cell lines instead of primary cell lines for culturing cells?

List features of aseptic technique. Why are these techniques used?

How and why is bright field microscopy carried out?

Name the components of complex culture media required by animal cells. What are they used for?

How and why is fluorescence field microscopy carried out?

Why vital staining is used to estimate viable cell counts.

What is a haemocytometer used for?