

WJEC England Biology

A-level

SP C3 02b - Scientific Drawing of an Artery and Vein

Flashcards

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Which structure should be labelled in the cross section?



Which structure should be labelled in the cross section?

Lumen

Tunica interna, Tunica media, Tunica externa

Endothelium



State an observable differences between arteries and veins.



State an observable differences between arteries and veins.

Arteries have a smaller lumen

Arteries have a thicker tunica media

The shape of the lumen of an artery is more regular



How is magnification calculated?



How is magnification calculated?

Magnification = size of image / size of object



How is the magnification of the drawing calculated?



How is the magnification of the drawing calculated?

Calibrate the eyepiece graticule.

Measure the actual width of the artery/vein using the eyepiece graticule.

Measure the width of the artery / vein of the drawing. Calculate the magnification.

