

WJEC Wales Biology

A-level

SP Unit 2 03b - Scientific Drawing of an
Artery and Vein

Flashcards



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 difference 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

Veins contain valves



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.

