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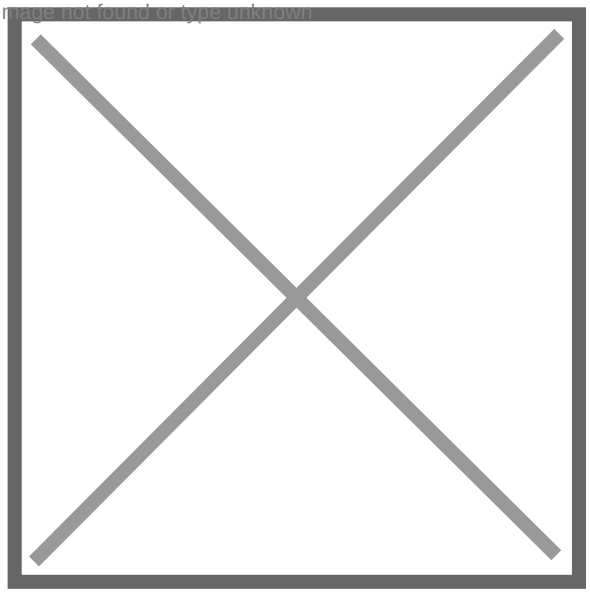
Product Name :

Artery and Vein, Cross Section

Product Code :

SCL419/0109

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Description :

Artery and Vein, Cross Section (Product Code: SCL419/0109) is a prepared microscope slideof an artery and a vein cut across, used to compare the walls of the two main blood vessel typesin biology and human physiology classes. Students set the thick, muscular artery wall against the thinner vein wall and wider lumen on a coloured preparation mounted on borosilicate glass. This circulatory-system slide is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory equipment supplier in India.

Specifications

Parameter	Detail
Specimen	Artery and vein
Cut	Cross section
Preparation	Coloured
Slide material	Borosilicate glass
Box	White, rectangular, plastic
Dimensions in listing	25.4 mm x 76.2 mm (1 x 3 in)
Use	Laboratory
Product code	SCL419/0109
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Artery and Vein Slide Used For?

Seen side by side in cross section, the two vessels tell their own story. The artery is usually rounder, with a thick middle layer of smooth muscle and elastic tissue that lets it withstand and even out the high pressure of each heartbeat, around a relatively narrow central channel. The vein beside it has a thinner, less muscular wall and a wider, often flattened or irregular lumen, reflecting the lower pressure of blood returning to the heart.

Students identify the three layers of each vessel wall, the inner lining, the muscular middle coat and the outer connective-tissue coat, and then explain the differences in terms of function. Use low power for locating both vessels and comparing their overall size; higher power shows the layers and the thin lining of flat cells. A labelled comparison drawing makes a useful record for circulatory-system revision.

Supplier

Jain Scientific Equipments Private Limited supplies this artery and vein slide under its ScienceLab trading name from Ambala, Haryana. It works with schools, colleges, health-science institutes, distributors and importers in India and international markets, so a circulatory-system unit can be equipped with slides, models and microscopes through a single request. Details of the company are o

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