Email : sales@scilabexport.com
Phone: +91-7082934803

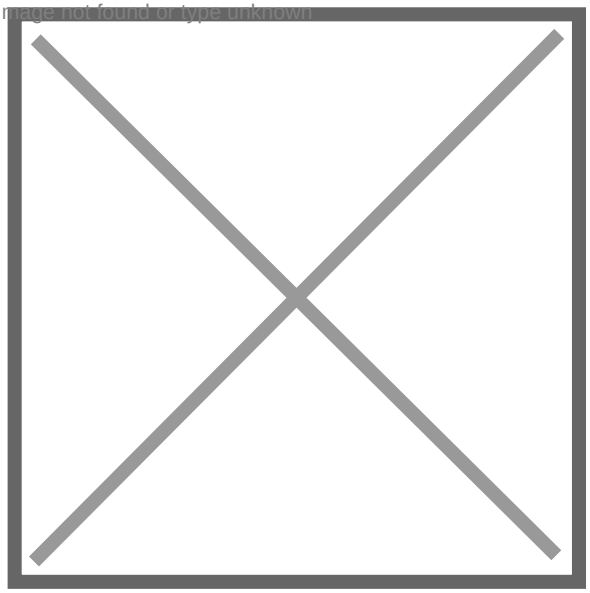
Product Name :

Ts Bone Tissue

Product Code :

SCL446/0169

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Description :

Ts Bone Tissue (Product Code: SCL446/0169) is a prepared microscope slide carrying a transverse section (TS) of bone, used to teach the structure of hard connective tissue in school and college biology practicals. Students examine the ring-like units of bone and the tiny spaces where bone cells live, which makes it standard school biology lab equipment in India for lessons on the skeleton. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, in a white plastic box.

Key Details

Parameter	Detail
Specimen	Bone tissue
Section	Transverse (TS)
Slide material	Borosilicate glass
Slide colour	Clear
Box	White rectangular plastic box
Use	Laboratory
Product code	SCL446/0169
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the TS Bone Tissue Slide Used For?

In a transverse section of compact bone the tissue is arranged in Haversian systems (osteons). Each has a central Haversian canal, which in life carries blood vessels and nerves, surrounded by concentric rings of hard matrix called lamellae. Between the rings lie small spaces, the lacunae, each once occupied by a bone cell (osteocyte), and fine channels called canaliculi radiate from them so the cells can exchange nutrients and wastes. Students use the slide to label these parts and to explain how living cells survive inside a mineralised material.

For a complete biology lab setup on connective tissues, this slide is usually studied after cartilage or other connective tissue slides and alongside an enlarged bone model. Scan at low power until a clear ring pattern appears, then use high power to count the lamellae around a single canal and trace the canaliculi. Because the matrix is dense, gentle focusing with the fine-adjustment knob gives the sharpest view; return the slide to its box after use.

Supplier

Jain Scientific Equipments Private Limited supplies this bone section slide under its trading name, ScienceLab, from Ambala, Haryana, India. Teaching laboratories in India and international markets can order it on its own or together with other connective tissue slides; see our company profile for background.

Rela

Items