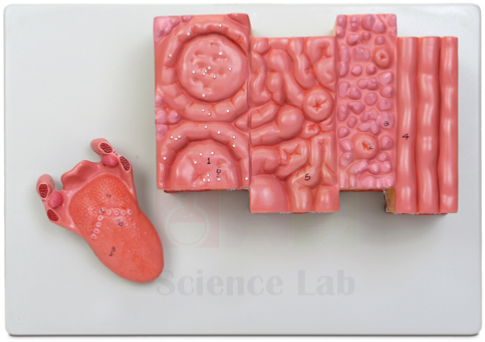
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Product Name :

Microstructure of the Human Tongue Model

Product Code :

SLE/A/105



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Description :

Microstructure of the Human Tongue Model (Product Code: SLE/A/105) enlarges a block of tongue tissue about 20x so that taste buds, lingual and mucous glands and the fine structure of the musculature can be seen without a microscope. A separate life-sized model of the intact tongue, with the palatine and lingual tonsils and the epiglottis, is included for orientation.Histology lecturers and biology teachers use the pair to link tissue structure with the whole organ.It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, a biology labinstruments supplier and anatomical models manufacturer in Ambala.

Specifications

Parameter	Detail
Type	Enlarged microstructure model of the human tongue
Scale	About 20x life size
Size	33 × 23 × 11 cm
Mounting	Durable polymer base
Histological features	Taste buds, lingual and mucous glands, fine structure of the musculature
Key	Numbered key included
Also included	Separate life-sized intact tongue model featuring the palatine and lingual tonsils and the epiglottis

Typical Use

This model is designed for teaching at two scales. Start with the life-sized tongue to orient the class: where the tonsils sit, how the epiglottis relates to the back of the tongue, and why this region matters for swallowing. Then move to the enlarged block, where students can find the taste buds, follow the glands that keep the mouth moist, and see how muscle fibres run in different directions to give the tongue its flexibility.

It is especially helpful just before a practical with prepared microscope slides, because students who have already seen the structures in three dimensions recognise them far more quickly under the lens. Dental, medical, nursing and food-science courses use it in oral histology and taste physiology, and senior school classes use it in lessons on the senses. The numbered key makes it easy to set identification exercises.

Manufacturer

Jain Scientific Equipments Private Limited, trading as **ScienceLab**, manufactures this tongue microstructure model. The company is located in Ambala, Haryana, and provides histology, anatomy and general laboratory products to education buyers in India and international markets. Its background is summarised on the company profile.

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