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Product Name :

Punch DBS 3.0mm

Product Code :

SLE/CL/78



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Description :

Punch DBS 3.0mm (Product Code: SLE/CL/78) is a hand punch that cuts small discs, approximately 3.0mm in diameter, out of dried blood spot (DBS) filter-paper cards so that each disc can be dropped into a tube or plate well for elution and testing. Dried blood spots are widely used in newborn screening, early infant HIV diagnosis, surveillance studies and research, because the cards are easy to collect in the field and to post to a central laboratory. The punch is reusable, can be sterilised by autoclaving, and is replaced after a set number of punches. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as part of its clinical range from a lab consumables supplier in India.

Specifications

Parameter	Detail
Type	Punch for dried blood spot (DBS) filter papers
Punching diameter	Approximately 3.0mm
Sterilisation	Can be sterilised by autoclaving
Re-use	Reusable; intended to be disposed of after a set number of punches
Application	Punching samples from DBS filter-paper cards

Typical Use

Once a DBS card has dried completely, lay it on a clean, firm surface and punch from the centre of a well-filled spot rather than its edge, where blood distribution is less even. Each 3.0mm disc is transferred into a labelled tube or the correct well of a plate, and the position is recorded against the card number. Many laboratories punch one or more discs from clean blank filter paper between patient samples, which helps limit carry-over of material from one card to the next.

At the end of a session, clean the punch and autoclave it so it is ready for the next batch. Track how many punches each tool has made, and replace it at the end of its service life so that cut edges stay clean and disc size stays consistent.

Supplier

The DBS punch is supplied by Jain Scientific Equipments Private Limited, which is based in Ambala, Haryana and trades under the ScienceLab name, providing sampling tools and consumables to screening programmes and diagnostic laboratories. More about the company can be found on the ScienceLab profile page.

Related Clinical Laboratory Items

Products used through the dried blood spot workflow, from collection to analysis:

- Dry Blood Spot Paper — filter-paper cards for collecting the blood spots
- Rack Drying DBS Cards — holds cards apart while they air-dry
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