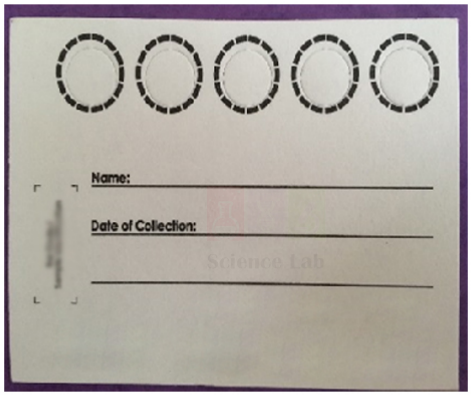
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Product Name :

Dry Blood Spot Paper

Product Code :

SLE/CL/48



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Description :

Dry Blood Spot Paper (Product Code: SLE/CL/48) is a bar-coded dry blood spot (DBS) cardwith 5 distinct pre-marked spots, used to collect blood for early infant diagnosis of HIV. It collectsblood and preserves it for later nucleic acid analysis, with stated DNA stability of at least 24months. The spots are pre-perforated (pre-punched), which makes it quicker to release samplediscs for PCR processing in the receiving laboratory. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, which serves health programmes as a labconsumables supplier in India.

Specifications

Parameter	Detail
Type	Dry blood spot (DBS) card with bar coding
Spots	5 distinct pre-marked spots
Spot format	Pre-perforated / pre-punched, for easier PCR processing
Function	Collects blood and preserves proteins for future nucleic acid analysis (as listed)
Stability	Minimum 24 months for DNA
Application	Blood collection for HIV infant early diagnosis

Typical Use

At the collection point, the health worker records the patient details against the card's barcode, punctures the infant's heel or the side of a finger, and lets one large drop fall onto each pre-marked circle so it soaks through the paper. Drops should not be layered or pressed on, and the filter area should never be touched with fingers or gloves. The card is then dried flat, away from sunlight, before being packed for transport to the testing laboratory.

In the laboratory, the pre-perforated spots can be released and placed into extraction tubes or plate wells, reducing the time spent punching discs and the risk of carrying material between samples. Molecular labs that run PCR equipment in India for infant diagnosis rely on the barcode to link each result back to the right child and collection site.

Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab in Ambala, Haryana, manufactures these DBS cards to diagnosis programmes and laboratories together with the lancets, racks and punches used alongside them. The ScienceLab profile describes the company in more detail.

Related Clinical Laboratory Items

Supplies for collecting, drying and processing DBS samples:

- Rack Drying DBS Cards — holds cards flat and apart while the spots dry
- Lancet 2.4 mm Disposable — for the heel or finger puncture

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