

Cervical Cancer Screening and
Diagnostic Technology

CellSlideTM

AUTOMATED THIN-LAYER SLIDE PROCESSOR



Audit Diagnostics

Healthcare for the future...

CE IVD Compliant

CellSide™



See More Clearly

CellSide™ produces far superior cytology preparations than conventional methods. The Liquid Based Cytology (LBC) System removes most of the obscuring material that makes conventional slides so hard to read. And a fast throughput of up to 60 slides per hour saves processing time. With its improved quality, consistent reliability and ease of use, **CellSide™** is definitely worth a look.



Features

- LIQUID BASED CYTOLOGY (LBC) SYSTEM
- ONE SOLUTION FOR GYN AND VARIOUS NON-GYN TESTS
- OPTIMUM CELL PRESERVATION AND VISUALISATION
- EASY SAMPLE PREPARATION
- HIGH THROUGHPUT: 2 SLIDES IN 2 MINUTES
- PRODUCES EASY-TO-READ SLIDES
- RECTANGULAR SLIDE READING SURFACE
- HIGHLY CONSISTENT RESULTS
- EASY TRANSITION FROM CONVENTIONAL PAP TESTING



PROVEN TECHNOLOGY



ABOUT *CellSlide*

CellSlide is an automated, computer-controlled device designed to prepare standardised thin-layer cytological preparations using a filtration process. The device operates using laser-calibrated membrane filters in a closed circuit that offers operational security and integrity with all types of specimens. Simple, easy-to-follow procedural steps are indicated on the instrument display panel. *CellSlide* is equipped with two filtration towers, which can work independently or in parallel. All phases - including CellOfix® addition, filtration, residual fluid collection, membrane transfer and pressure adjustment — are automatically performed.



CellSlide PRESERVATIVE SOLUTION

- Keeps useful cells while reducing mucous, blood debris and cell clusters.
- Alcohol-based solution is **non-toxic and safe to transport**.
- One solution for **various tests** (e.g., pap smear, HPV PCR and non-gynae tests).
- Samples can be stored for 4 weeks and transported at room temperature.

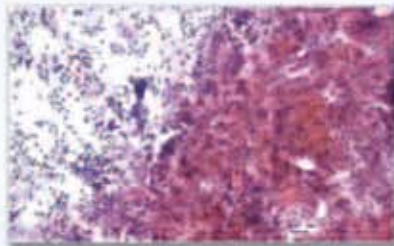


FILTERING MEMBRANE

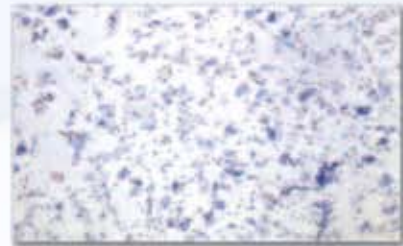
- 8-micron precise membrane filters mucous and debris.
- Useful cells are collected on membrane and transferred to slide.
- Rectangular cell distribution mimics conventional slide presentation.
- No membrane breakage.



Conventional Pap Smear

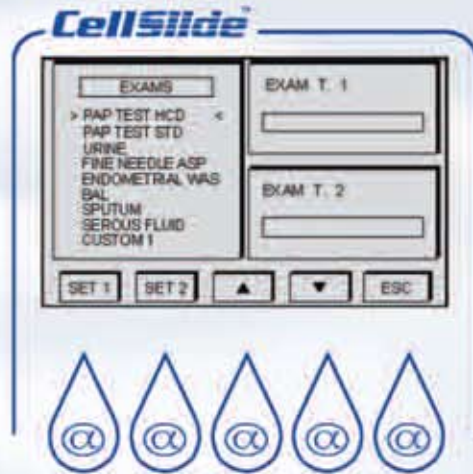


Conventional Pap Smear



CellSlide Pap Smear

INCREASED EFFICIENCY: 2 TESTS IN 2 MINUTES!



TWO-CHANNEL OPERATION

- Choose single or double tests.

EASY TO OPERATE

- Large LCD screen and rapid access keys.

GYN AND NON-GYN SAMPLES

- Pap Smear
- HPV*
- Urine
- Thyroid*

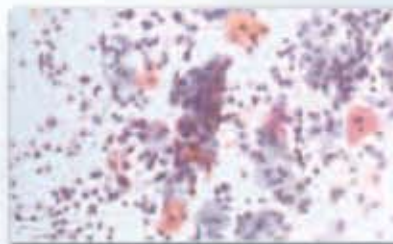
NO CROSS-CONTAMINATION

- All kit components are disposable.
- Wash cycle between each test.

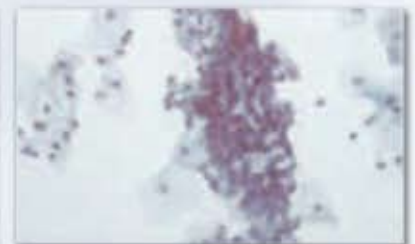
* Under development



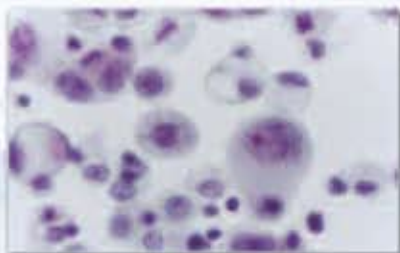
CellSlide Pap Test Normal



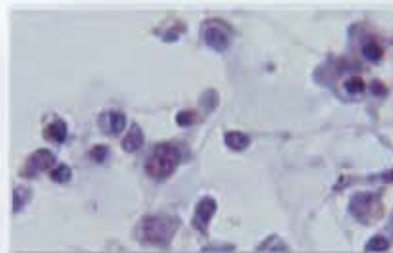
CellSlide Pap Test HSIL



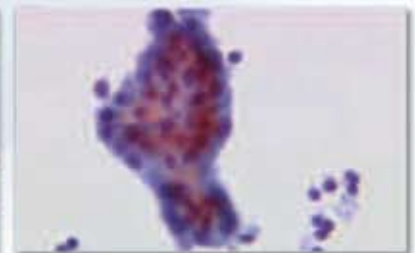
CellSlide Pap Test Normal



CellSlide Serious Fluid Test



CellSlide Urine Test



CellSlide Thyroid FNA Test



Operational Steps for Gynae Sample

Simple Steps

Obtain patient sample:
Insert Cervix Brush and bend slightly against the ectocervix. Gently push and rotate the brush clockwise.



Rinse instrument:
Place Cervix-Brush in Preservative solution and vigorously agitate. Safely discard Cervix Brush.



Seal bottle and transport:
Securely fasten the cap. Mark the patient's information on the vial and transport to the laboratory.



Automated smear:
Put samples on Processor.



Stain slides:
Thin-layer cytology test.



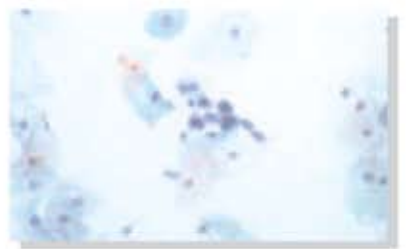
Read slides:
Screen slides under microscope and report using TBS guidelines.



CellSlide® Pap Test



CellSlide® Pap Test



CellSlide® Pap Test

HPV Testing

To aid in the detection of Cervical Cancer, **Audit Diagnostics** is developing Human Papilloma Virus (HPV) screening and typing systems for use with the **CellSlide™** system. These detection systems do not require expensive, dedicated instrumentation, just a pathologist's microscope and a low-cost DNA amplification system.

In development

- **SlidePrep System:** In-situ test for screening low-risk and high-risk HPV strains.
- **AuditStrip System:** Reverse hybridisation with PCR detect clinically important HPV strains, such as: 6, 11, 16, 18, 31, 33, 34, 35, 39, 40, 42, 43, 44, 45, 51, 52, 53, 54, 56, 58, 61, 66, 69 and 70.

