

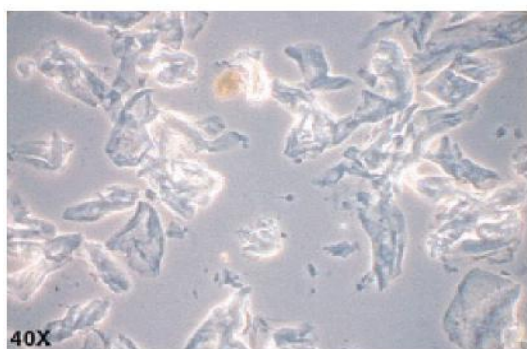
SPERM HY-LITER uses specific fluorescent labeling to microscopically identify human sperm.

- Bring microscopic sperm searching into the 21st century!
- Sperm identification from Sexual Assault Evidence
- Human-specific: fluorescent monoclonal antibody detection
- No more guessing on morphology: conclusive identification!
- Rapidly scan slides at lower magnification: they glow!
- Quick and easy location of sperm obscured by debris and epithelial cells
- Meet new audit standards for evidence preservation
- Document your results: clear photographic record for the case file
- Compatible with standard fluorescent microscopes and Laser Capture Microdissection (DAPI and Fluorescent filters)

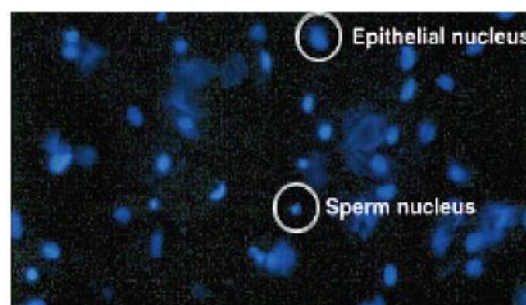
Sperm Hy-Liter is a complete fluorescent staining kit for sexual assault evidence

Sperm Hy-Liter Plus is the same kit plus 25 two-position microscope slides.

Staining of a post-coital vaginal swab slide using **SPERM HY-LITER**:



A

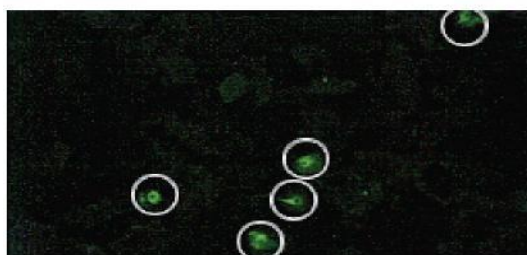


B

A Morphological identification of sperm by bright field and/or phase contrast microscopy: cells, debris, and sperm all appear similar
Sperm are obscured by cells and debris

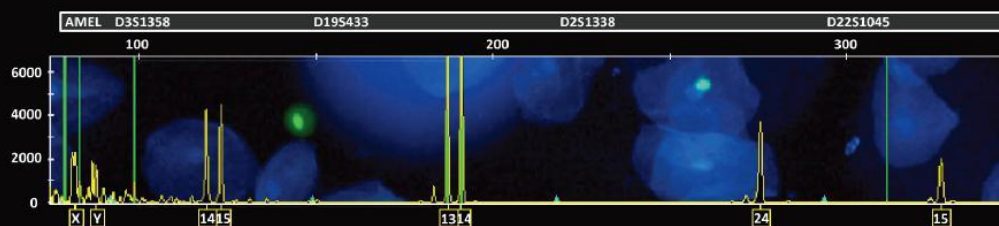
B DAPI staining with fluorescent microscopy identifies sperm and epithelial **cell nuclei**
Cell nuclei are clearly identified

C Fluorescent microscopy identifies only **human sperm heads**
Sperm heads are clearly identified
Previously concealed **sperm** are easily observed



C

SPERM HY-LITER Newsflash



Full STR Profile from 40 Sperm

- staining with **SPERM HY-LITER**
- Cell picking with **AUREKA-System** www.aura-optik.de