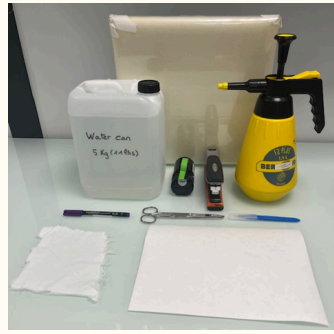




REQUIRED MATERIAL

- STK Lab paper
- Textile evidence (exhibit)
- Gardening sprayer with demineralized water
- Weights: Metal plate with foam + can of water 5kg (11lbs)
- Stapler or tape
- Pen, scalpel, pliers



STK UV LIGHT

We recommend to use the STK UV light to screen semen stains with STK Lab paper

Available-for-sale or loan possible



1 WET STK LAB PAPER

With a gardening sprayer, saturate each STK Lab paper with demineralized water

The absorbing side of STK lab has to be really wet



2 BEFORE PRESSURE

Cover the wet side of STK paper against the evidence

Using tape or staples, pin evidence to STK paper

Prepare now your weight (e.g. metal plate with foam + can of water 5kg/11lbs) see next picture
min 20Kg/m² -44 lbs/ft²



3 PRESSURE TIME

Press the item (three different pressure time):

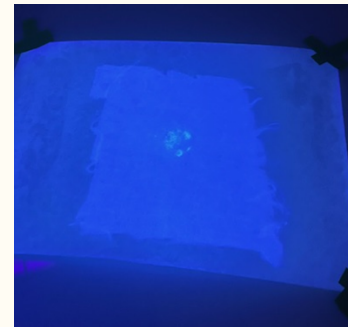
- 3 min: a blue fluorescent stain is detected, don't press anymore
- 5 min: No positive signal at 3 min, press 2' more
- 10 min: No positive signal at 5', press 5' more



4 RESULTS

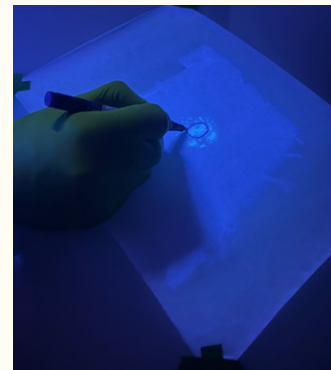
In the dark, make the revelation by positioning UV light approximately 50 cm (~20 inches) above the laminated reading side.

If the presumptive test is positive, a blue fluorescent stain will be seen through STK Lab paper



5 SEMEN SAMPLING

Mark the stain with a pen and cut the identified spot with a scalpel



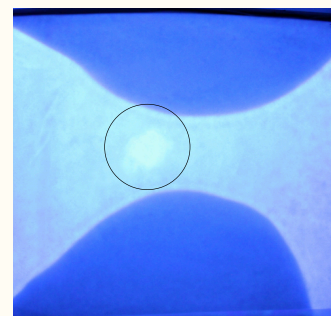
6 DNA EXTRACTION

Once the semen trace is revealed, sampling should be done from the original fabric and not on the absorbent side of the STK Lab



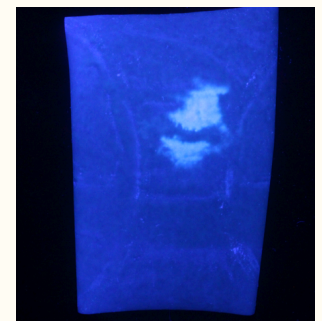
+ TEXTILE UV REFLECTIVE

When screening for semen stains on white fabric, the textile may be UV reflective and generate contrast issues to be able to observe the signal correctly



+ UV REFLECTIVE SCREENING

If that's the case, lift STK Lab paper and read the signal on the absorbing side



For more information, please read STK Lab instructions