

# STK<sup>®</sup> Sperm Tracker SPRAY



## STK Spray, the long-awaited tool for sperm screening

When a rape is committed, the **urgent need for Crime Scene Investigators** is to **locate efficiently** and **undoubtedly rapist's semen**. Every transportable samples collected on the scene are sent to the lab for analysis. However, non-transportable evidences are often missed and investigations are slowed down.

How to be sure no evidences are missed? How to proceed when you are not able to send some evidences to the lab for further screening? How to save time and improve investigation success rate?

AXO Science designed **STK Spray**, a **revealing semen-specific reagent to spray directly on the rape scene** (floor, furniture, wall, door handles, sink, tree leaves, grass...) in order to **locate assaulter's semen specifically**.



STK Spray offers many advantages to CSI for semen stains detection:

- **Sensitive:** do not miss any single semen stain by using the most sensitive technique available
- **Specific:** do not waste time & money with false positive, only semen will show, even if mixed with other body fluids
- **Non Toxic:** human and environment-friendly. Get rid of carcinogen, time-consuming AP reagents
- **Easy and Ready to Use**

- Convenient and portable solution
- Ready-to-use: dilute 1x STK pouch in demineralized water
- Do not alter DNA, fully compatible with extraction techniques
- ISO 18385 Forensic Grade
- Box of sealed individual pouches
- 1 pouch ~10m<sup>2</sup>
- Batch number, produced according to ISO 9001 standards

## Easy & Rapid protocol on the crime scene

Formulated in a convenient format, dry powder is simply dissolved in water, the product is rapidly ready-to-spray and easy to carry.



1

**Dilute 1 pouch of STK Spray**  
in 100 ml (~3 US fl oz)  
of demineralized water



2

**Shake lightly,**  
wait 30 seconds.  
Solution is ready-to-use



3

**Spray the scene**  
at a distance of ~20 cm  
(~8 inches)



4

**Read results** with a 365nm  
UV light with visible light  
filter: only semen stains  
will glow in a blue color

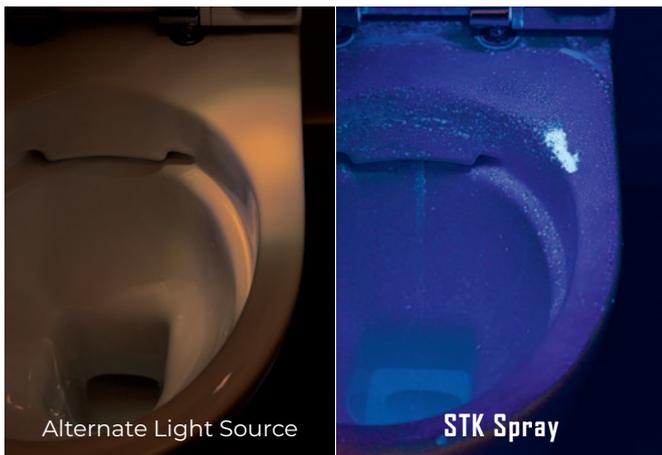
## Never leave an evidence behind

- **Can be used indoor and outdoor**
- **100% of semen stains** are **detected** on the field
- **No false positive** and above all **no false negative**
- **Process extremely reliable** to get **outstanding results**
- **STK Spray** allows to **multiply chances to obtain rapist's DNA faster** and **more efficiently**



STK Spray on leaves

Credit: SNPS, France



Alternate Light Source

STK Spray



STK Spray on grass

Credit: E. Nyquist, Swedish Police

## AXO Science

AXO Science develops innovative solutions in the field of molecular biology and forensic. We are now bringing to forensic scientists the STK Sperm Tracker technology, which is revolutionizing the detection of sperm traces on the rape scene and in the laboratory. AXO Science is ISO 9001, ISO 13485 and ISO 18385 certified.

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