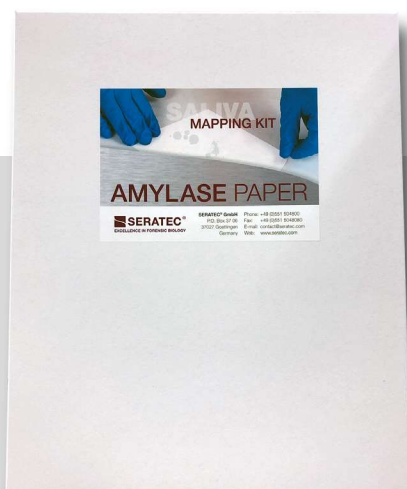


HUMAN SALIVA

WHY SALIVA MAPPING?

Saliva is one of the common bodily fluids being found at a crime scene and it carries a significant amount of DNA. However, unlike blood or semen, saliva is much harder to be detected by the naked eye. The use of ALS alone usually leads to inconclusive, non-specific results as saliva cannot always be accurately distinguished from other body fluid stains. Therefore, a more accurate method for the stain localization is advisable.

The SERATEC® AmylasePaper is a filter paper kit for the rapid presumptive localization of latent saliva stains.



BENEFITS OF SERATEC® AMYLASEPAPER

- + Applicable to any type of fabric or material
- + Very fast results in less than 10 minutes
- + Easy result reading and interpretation through simple color change
- + Highly sensitive detection of as little as 125 mIU/mL of Amylase which equals a 1:2000 dilution of saliva or 0.3 µL of saliva
- + Compatible with ALS yet more specific, e.g. on dark-colored clothes
- + Compatible with other detection techniques such as semen mapping, latent blood stain detection, immunochromatographic tests for body fluid protein markers
- + Compatible with DNA extraction and DNA typing; sample material remains suitable for DNA analysis

SERATEC® AMYLASEPAPER LABORATORY KIT

- + available in different sizes: as ISO A4 or A2 sheets
- + Iodine stock solution is included
- + all kit components are storable at room temperature
- + long shelf life of 24 months

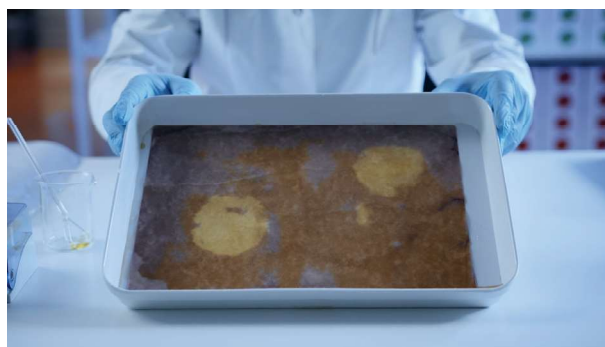


HOW TO USE SERATEC® AMYLASEPAPER

- + If necessary, cut the AmylasePaper sheet to cover the object to be examined
- + Moisten the AmylasePaper sheet with distilled water
- + Mark the paper position
- + Place the sheet over the suspected area and press for 20-30 sec.
- + Incubate 5-10 min. at room temperature
- + Add Iodine working solution to the AmylasePaper sheet and read result immediately

RESULT INTERPRETATION

POSITIVE: vibrant white-yellow spots surrounded by a brownish-blue background
presumptive positive result for saliva



NEGATIVE: no color change compared to the brownish-blue background

Besides, a presumptive positive result of SERATEC® AmylasePaper can be quickly confirmed by the human specific SERATEC® AmylaseTest.