

# HUMAN SEMINAL FLUID

## WHY YOU CAN RELY ON PSA AS MARKER OF SEMINAL FLUID

Prostate-specific antigen (PSA) is an extensively validated and accepted protein marker of human seminal fluid. The concentration of PSA in human semen reaches values between 0.2 and 3.0 mg/mL whereas concentration of PSA in other fluids is remarkably lower. Also, when the sample does not contain sperm cells (example: vasectomy), a positive result for PSA strongly indicates that seminal fluid is present. Due to its high stability PSA can be accurately detected in various types of forensic samples using a highly sensitive and specific rapid test kit.

SERATEC® PSA Semiquant is your preferred method of choice when it comes to the detection of seminal fluid.

## PRODUCT BENEFITS AT A GLANCE

- + detects seminal fluid also in samples where no sperm is present
- + high sensitivity of 0.5 ng/mL of PSA
- + specific to human samples (with the exception of other primates)
- + semiquantitative result helps estimate the PSA concentration
- + fully compatible with stain mapping and DNA extraction techniques
- + DNA can be extracted from both buffer and test strip after testing
- + non-destructive to the sample
- + universal dilution buffer is provided with the kit
- + robust cassette format and long shelf life of 24 months
- + test result in as fast as 15 minutes
- + available as laboratory or crime scene kit
- + barcoded for the objective quantification with SERATEC® SeraQuant Reader



### PSA Semiquant LABORATORY KIT

Cat.No. PSM400F/40

UNIT box, 40 cards, each individually pouched with Pasteur pipette and dessicant



### PSA Semiquant CRIME SCENE KIT

Cat.No. PSM-CS/20

UNIT box, 20 kits of 1 card (individually pouched with Pasteur pipette and dessicant), 1 vial with buffer solution and a DNA-free sample collection swab