

# PAM TEST

## DUPLEX PSA & AMYLASE

# SEMEN AND SALIVA



### INTRODUCING THE SERATEC<sup>®</sup> PAM TEST: DUAL DETECTION OF HUMAN SEMEN AND SALIVA

Our latest innovation, the SERATEC<sup>®</sup> PAM Test, is a duplex lateral flow rapid test designed for the simultaneous detection of Prostate-Specific Antigen (PSA) and alpha-amylase. This advanced test offers a comprehensive solution for an enhanced forensic body fluid screening.

### RELIABLE, EFFICIENT, AND USER-FRIENDLY

The SERATEC<sup>®</sup> PAM Test combines the strengths of our PSA and alpha-amylase tests into a single, user-friendly kit. From the lab to the crime scene or educational settings, the SERATEC<sup>®</sup> PAM Test provides quick, reliable results that are scientifically backed and proven in real-world applications.

### KEY BENEFITS

- + **Simultaneous Detection:** The SERATEC<sup>®</sup> PAM Test efficiently detects both PSA (seminal fluid) and alpha-amylase (saliva) in a single assay.
- + **High Sensitivity:** Positive results with as low as 0.5 ng/mL of PSA and 50 mIU/mL of alpha-amylase
- + **Human Specific** Utilizing highly specific monoclonal antibodies, the SERATEC<sup>®</sup> PAM Test ensures reliable results for both markers and confirms the human origin of the sample. No known cross-reactivity with animal seminal fluid or saliva.
- + **Rapid Results:** Obtain qualitative results in as fast as 10 minutes, facilitating the prompt contextualization of forensic evidence.

- + **Stability:** PSA and alpha-amylase are both stable markers, allowing for accurate detection in various types of forensic samples, including aged and degraded evidence.
- + **Compatibility with stain detection techniques:** The SERATEC<sup>®</sup> PAM Test is fully compatible with acid phosphatase detection and amylase mapping.
- + **Compatibility with DNA Analysis:** The product easily integrates with subsequent DNA extraction and STR typing in various forensic laboratory workflows. DNA can be extracted from both the test strip and the dilution buffer.
- + **Universal dilution buffer:** It is included in the kit and can be stored at room temperature.
- + **Robustness and long shelf life:** The assay comes in a robust cassette format with a long shelf life of 24 months.
- + **Versatile Application:** The SERATEC<sup>®</sup> PAM Test can be used in laboratories, at crime scenes, and for forensic education with minimal training required.

### PAM Test

## HUMAN SEMEN & SALIVA

Cat.No. PAM/40

UNIT box, 40 cards & 50 mL dilution buffer

■ Customized packaging is available on request.