

# BODY FLUIDS IDENTIFICATION - SEMEN

## RSID-SEMEN

CODE: 0230



### The First Confirmatory Test for Human Seminal Fluid - Human Semelogenin(Sg)

Other human body fluids do NOT cross-react with this test procedure.

(Fluids tested: saliva, blood, urine, vaginal secretions) -  
Animal seminal fluid does NOT cross react with test procedure.  
(Samples tested: bovine, porcine, caprine, and ovine semen)

#### Detect as Little as 1 µL of Human Seminal Fluid

RSID™-Semen results correlate with Y-STR profile intensity, except from vasectomized or low sperm count males

#### Efficient Sample Analysis

Strip test results are complete in 10 minutes post stain extraction

#### Dual Monoclonal Antibodies

Specific for human semenogelin antigen  
No cross reactivity with other body fluids or animal semen (no cross-reaction observed with blood, saliva, urine, vaginal secretion, menstrual blood, or with cow, pig, dog, goat or sheep semen)

#### Immuno-Chromatographic Lateral Flow Strip Test

Standard assay format -  
Extended shelf life

#### Complete Set of Protocols Included

Extraction protocols for forensic samples, including clothing, vaginal swabs, prophylactics, and stained surfaces  
Single-tube extraction protocol suitable for STR analysis  
Integration into standard laboratory procedures.

- More Sensitive and More Specific than PSA-based Tests  
No cross reaction with other body fluids  
Sensitivity **unaffected** by blood, saliva, urine or vaginal secretions
- Multiple Body Fluid Detection from a Single Extraction due to **UNIVERSAL BUFFER** common to all RSID kits - RSID™-Semen, RSID™-Blood, and RSID™-Saliva compatible



Human specific  
Confirmatory  
no cross reactions

## BLUESTAR® IDENTI-PSA

CODE: VD-PSA-20

**BLUESTAR® Identi-PSA** is a rapid qualitative test in a device for PSA detection from traditional biological samples (serum, plasma, or blood), but also from sperm samples collected with a swab either on the clothes or on the body of the presumed victim of a sexual assault.

The method employs a unique combination of monoclonal dye conjugate (mouse) and monoclonal antibodies (solid phase) to selectively identify PSA antigen in the samples, with a high degree of sensitivity.

As the test sample flows through the absorbent paper, the labeled antibody-dye conjugate binds to the antigen, thus forming an antigen-antibody complex. This complex binds to the anti-PSA antibodies in the positive reaction zone (T) and produces a wine-colored line if the PSA antigen level is higher than 4 ng/ml. If there is no antigen, no line appears in the test zone. The reaction mixture continues flowing through the absorbent paper, past the test zone and the control zone (C). Unbound conjugate binds to the reagents in the control zone, producing a wine-colored line indicating that the reagents are functioning correctly.

Highly sensitive: detects PSA levels higher than or equal to 4 ng/ml.



#### Kit contents

- 20 sterile swabs
- 20 collection tubes containing 1 ml diluent buffer
- 20 test cassettes