



RSID™ SALIVA: Competitive Analysis
Forensic Detection of *Saliva*

* Specific for human α -amylase - Multiple body fluid stain detection from single extraction possible.
* No High Dose Hook Effect

	Format	Sensitivity	Specificity	Comparison
RSID™ Saliva	Lateral Flow Strip	High, < 50 nL	Good	Best specificity.
Enzymatic Assay	Liquid or Solid Phase	Med, < 1 μ L	Poor	Least specific of commercial tests.
Ouchterlony	Gel diffusion	Low, < 5 μ L	Good	Slowest and least sensitive.



RSID™ SEMEN: Competitive Analysis
Forensic Detection of *SEMEN*

* The only CONFIRMATORY TEST for human semen
- No animal or body fluid cross-reactivity.

	Format	Sensitivity	Specificity	Comparison
RSID™ Semen	Lateral Flow Strip	High <50 nL	Human ONLY	Best specificity.
PSA / P30	Lateral Flow Strip	Med -High, <100 nL	Fair	Least specific of commercial tests.
Acid Phosphatase	Enzymatic assay	Low, 1-2 μ L	Poor	Slowest and least sensitive.



RSID™ BLOOD: Competitive Analysis
Forensic Detection of *BLOOD*

* The only CONFIRMATORY TEST for human blood
- No animal or primate cross reactivity.
* No High Dose Hook Effect

	Format	Sensitivity	Specificity	Comparison
RSID™ Blood	Lateral Flow Strip	Med, <50 nL	Human ONLY	Confirmatory test.
Hemoglobin Cards	Lateral Flow Strip	High, < 5 nL	Good - primates, ferrets	Widely used, presumptive test, dilution required.
Heme-based Chemical tests	Chemical Rxn	High, < 5 nL	Poor - any heme, rust, detergents, etc.	Widely used, poor specificity.



RSID™ URINE: Competitive Analysis
Forensic Detection of *URINE*

	Format	Sensitivity	Specificity	Comparison
RSID™ Urine	Lateral Flow Strip	Med, < 10 μ L	Urine only (not species specific)	Only strip test for urine. Urine specific.
Jaffe's Test	Chemical Rxn	Poor, < 50 μ L	Very Poor	Not urine specific.
Creatinine	Chemical Rxn	Poor, < 50 μ L	Very Poor	Not urine specific.

Ask for RSID™ Multi-Fluid Kits
SALIVA, SEMEN & BLOOD tests in one Kit!

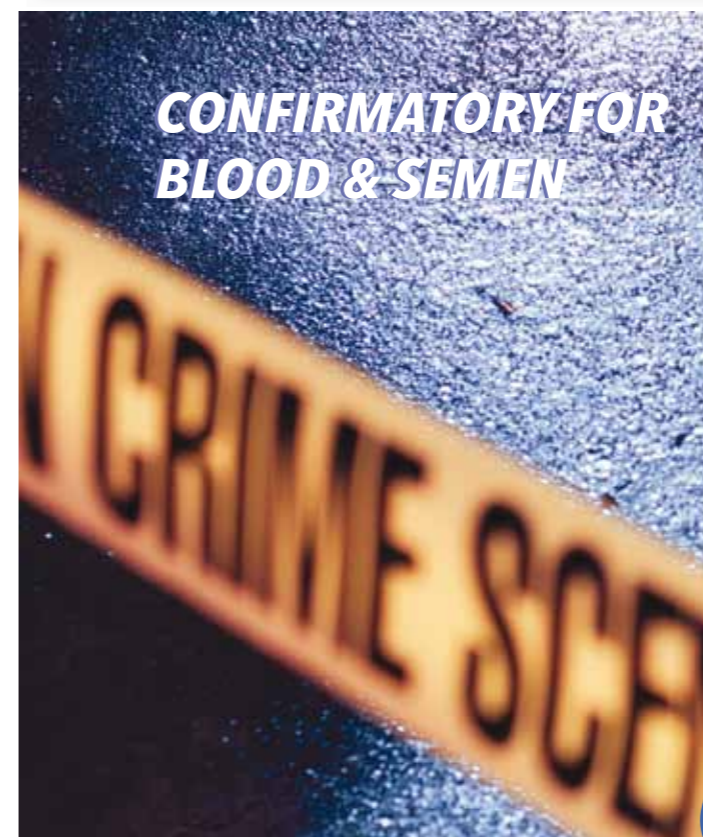


RSID

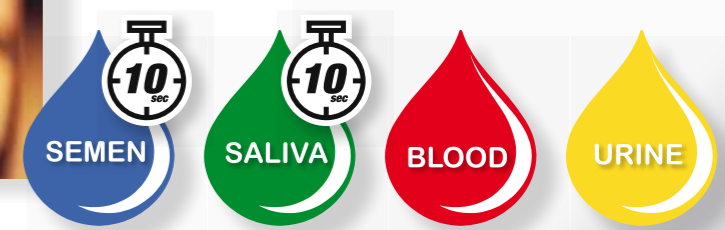
RAPID STAIN IDENTIFICATION SERIES



SPECIFICITY MATTERS



CONFIRMATORY FOR BLOOD & SEMEN



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Multiple Tests from One Piece of Evidence



The Rapid Stain Identification (RSID™) test for saliva is designed for fast, easy, and reliable detection of human saliva from a variety of samples: bottles, cans, envelopes, plastic straws, bite marks, vaginal swabs and stained surfaces. No inhibition by the presence of other body fluids - blood, semen, vaginal secretions or urine.

10 second extractions

The only rapid test for human saliva

- Animal saliva does NOT cross react with this test

No High Dose Hook Effect

- Avoids false negative results
- Minimal sample dilution required

Detect as Little as 1 µl of Human Saliva

- RSID-Saliva results correlate with STR results

Dual Monoclonal Antibodies

- Specific for human salivary amylase antigen
- No cross-reaction observed with blood, semen, urine, vaginal secretions, or menstrual blood

Lateral Flow Strip Test

- Results in 10 minutes
- Standard assay format
- Extended shelf life

Complete Set of Protocols Included

- Extraction protocols for forensic samples
- Single-tube extraction, Analysis & DNA Profile
- Compatible with DNA extraction and STR analysis
- Easy Integration into standard laboratory procedure

Catalogue Numbers:

- #0130 RSID-Saliva 25 tests/box lab kit with Uni-Buffer
- #1000-05 RSID-Saliva 5 tests/box field-kit with preloaded buffers & pipettes
- #1000-10 RSID-Saliva 10 tests/box field-kit with preloaded buffers & pipettes



The Rapid Stain Identification (RSID™) test for semen is designed for fast, easy, and CONFIRMATORY detection of human semen from a variety of samples: clothes, bedding, vaginal swabs, prophylactics and stained surfaces. No inhibition by the presence of other body fluids - blood, saliva, vaginal secretions or urine.

10 second extractions

The only CONFIRMATORY test for human semen

- Other human body fluids do NOT cross react with this test procedure
- Animal seminal fluid does NOT cross react with this test procedure

No High Dose Hook Effect

- Avoids false negative results
- Minimal sample dilution required

Detect as Little as 10 nL of Human Seminal Fluid

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

Dual Monoclonal Antibodies

- Specific for human semenogelin antigen
- No cross-reaction observed with blood, saliva, urine, vaginal secretions, or menstrual blood
- No cross-reaction observed with animal semen. Species tested include cow, pig, dog, goat, sheep and higher primates

Lateral Flow Strip Test

- Results in 10 minutes
- Standard assay format
- Extended shelf life

Complete Set of Protocols Included

- Extraction protocols for forensic samples
- Single-tube extraction, Analysis & DNA Profile
- Compatible with DNA extraction and STR analysis
- Easy Integration into standard laboratory procedure

Catalogue Numbers:

- #0230 RSID-Semen 25 tests/box lab kit with Uni-Buffer
- #2000-05 RSID-Semen 5 tests/box field-kit with preloaded buffers & pipettes
- #2000-10 RSID-Semen 10 tests/box field-kit with preloaded buffers & pipettes



The Rapid Stain Identification (RSID™) test for blood is designed for fast, easy, and CONFIRMATORY detection of human blood from a variety of samples: fabrics and stained surfaces. No inhibition by the presence of other body fluids - semen, saliva, vaginal secretions or urine.

The only CONFIRMATORY test for human blood

- Rapid test for human blood
- Animal blood fluid does NOT cross react with this test procedure. Species tested include ferret, skunk and primate

No High Dose Hook Effect

- Avoids false negative results
- Minimal sample dilution required

Detect as little as 50 nL of human blood

- RSID-Blood results correlate with Y-STR results,

Dual Monoclonal Antibodies

- Specific for human glycophorine-A-antigen
- No cross-reaction observed with human saliva, semen, urine, breast milk or amniotic fluid

Lateral Flow Strip Test

- Results in 10 minutes
- Standard assay format
- Extended shelf life

Complete Set of Protocols Included

- Extraction protocols for forensic samples
- Single-tube extraction, Analysis & DNA Profile
- Compatible with DNA extraction and STR analysis
- Easy Integration into standard laboratory procedure

Catalogue Numbers:

- #0330 RSID-Blood 25 tests/box lab kit with Uni-Buffer
- #3000-05 RSID-Blood 5 tests/box field-kit with preloaded buffers & pipettes
- #3000-10 RSID-Blood 10 tests/box field-kit with preloaded buffers & pipettes



The Rapid Stain Identification (RSID™) test for urine is designed for fast, easy, and reliable detection of urine from a variety of samples: cotton swabs and a wide array of cloth materials. No inhibition by the presence of other body fluids - semen, saliva, vaginal fluid.

The only Rapid test for urine

- Urine specific
- No cross reactivity with other tested human body fluids

No High Dose Hook Effect

- Avoids false negative results
- Minimal sample dilution required

Detect as little as 10 µl of urine

Polyclonal Antibodies

- Detects Tamm-Horsefall protein
- RSID-Urine is body fluid specific. No cross-reaction observed with human saliva, semen and vaginal fluid
- RSID-Urine is not species specific and cross reacts with a subset of non-human samples

Lateral Flow Strip Test

- Results in 15 minutes
- Standard assay format

Complete Set of Protocols Included

- Extraction protocols for forensic samples

Catalogue Numbers:

- #0400-05 RSID-Urine 5 tests/box lab kit with buffer
- #0400-10 RSID-Urine 10 tests/box lab kit with buffer
- #4000-05 RSID-Blood 05 tests/box field-kit with preloaded buffers & pipettes
- #4000-10 RSID-Blood 10 tests/box field-kit with preloaded buffers & pipettes



Also available:

RSID-Multi-Fluid Lab and Fields Kits
RSID-Semen, Saliva and Blood in one Kit