RSID: Semen & Saliva

+ Reduced Incubation Time

~ 10 Seconds using Vortex mixer

To determine if RSID-Semen and RSID-Saliva are compatible with shorter sample extraction times, a series of time course experiments were undertaken with control swabs, aged samples(several years old), trace semen samples, and semen on fabrics/ trace saliva samples, and salivas on fabrics.

These data clearly demonstrated that similar results could be obtained from all tested sample types using incubation times as short as 10 seconds (*with shaking*) to as long as 1 hour
(to view the data, go to http://galantos.eu/rsid-semen.html and http://galantos.eu/rsid-saliva.html

Room temperature extraction of forensic samples for a minimum of 10 seconds *with shaking* is sufficient for detection of semenogelin with RSID-Semen and α-amlyase RSID-Saliva. Longer incubation times (i.e., 5-60 minutes) are optional.

+ Required Protocol for RSID-Semen

Maximum sensitivity of RSID™-Semen can be obtained with the following protocol:
Extraction volume: 300-400 µL of RSID buffer
Incubation time: minimum 10 seconds with shaking, longer times are optional
Use up to 20 µL of the extract plus 80 µL of RSID-Semen buffer to a final of 100 µL.
Apply to cassette.
Read / Score results at 10 minutes.

+ Stability and Storage

RSID cassettes can be shipped and stored at room temperature.
The RSID products can be shipped and stored at room temperature.
Once the bottles with the buffers have been opened they should be stored in the fridge.
If possible store the buffers in the fridge.

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