SNAPSHOOT
ENGINEERED FOR A SAFER TOMORROW

현장을 이해하고, 필요한 솔루션을 연결합니다.

산업안전 · 추락방지 시스템
산업용 소재 · 건축자재
제품 제안부터 공급·시공·설치·교육까지



COMPANY INFORMATION

스냅슛 (SNAPSHOOT)

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TECHNICAL DOCUMENTS

인증서 · 데이터시트 · 기술자료

제품의 규격과 성능, 인증 및 적용 조건을 확인하기 위한 자료입니다.

ABOUT SNAPSHOOT

제품 공급을 넘어, 현장에 맞는 해결책으로

스냅슛은 산업현장의 작업 환경과 요구 조건을 바탕으로
적합한 제품과 시스템을 제안합니다. 현장 실사를 통해 설치 조건을 확인하고,
공급부터 시공·설치 및 사용 교육까지 필요한 과정을 함께합니다.

추락방지 시스템

안전대부착설비 · 수평·수직 라이프라인
레일 시스템 · 리지드 포스트

밀폐공간 진입·구조 솔루션

데빗암 · 삼각대 · 구조용 윈치
윈치 안전블록 · 구조장비

산업안전 보호구

전신형 안전대 · 랜야드 · 안전블록
작업 환경에 맞춘 개인보호구

산업용 소재·건축자재

산업용 테이프 · 접착제 · 기능성 소재
구조용 스크류 · 목조건축 자재

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홈페이지 바로가기 →
문서 라이브러리 바로가기 →
시공사례 바로가기 →
문의하기 →

본 페이지는 스냅슛의 자료 제공 안내용 표지입니다. 첨부된 인증서 및 기술자료의 발행 주체, 인증 대상과 적용 범위는 해당 원문을 기준으로 확인해 주세요.



NeoSal®

Oral Fluid Collection System

The NeoSal® Oral Fluid Collection System is intended for the collection of oral fluid specimens. Oral fluid samples collected with the NeoSal can be screened for drugs of abuse using NEOGEN's ELISA test kits or other drug monitoring tests validated by the testing laboratory.

The NeoSal Oral Fluid Collection System is intended for forensic use only.

Sample Volume Adequacy Indicator

The NeoSal incorporates a Sample Volume Adequacy Indicator (SVAI) built into the device to ensure a suitable volume of oral fluid is collected. The SVAI will form a distinct blue line when the target volume is collected. The target volume is 0.7 mL.

Collection Time

The typical collection time with the NeoSal is one to three minutes. Individuals who exhibit dry mouth or did not pool saliva had collection times that ranged up to three minutes or longer. If sufficient volume is not collected within ten minutes, NEOGEN recommends the donor start over with a new collection device.

n=114	Time (seconds)
Mean	104.5
Standard Deviation	107.1
Minimum Value	12
Maximum Value	576

Sample Dilution

The NeoSal contains 2.1 mL of proprietary buffer solution designed to recover drug analytes from the collection pad and ensure stability of the sample during transportation and storage. The dilution factor is 1:4.

Drug Recovery & Sample Stability

The NeoSal buffer is specifically designed to achieve excellent recovery of drug analytes from the collection pad. As indicated in the chart, the overall trends for the majority of the drugs tested support good sample stability up to approximately 30 days at room temperature. It should be noted that while the cocaine concentration decreased at day 29, the benzoylecgonine concentration for the cocaine spiked sample increased. The net concentration of these two compounds was almost equivalent to the initial amount of cocaine at day one. Slight differences in the LC/MS methods contribute to the recovery values greater than 100%.

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Storage	Overnight Shipping	Day 6 Shipping	Day 13 Shipping	Day 28 Shipping	12+ months at -20°C
Days Post-collection	**Day 1**	**Day 7**	**Day 14**	**Day 29**	**Day 365+**
Analyte	**% Recovery**	**% Recovery**	**% Recovery**	**% Recovery**	**% Recovery**
Benzoylecgonine	108.0 ± 5.8	107.9 ± 5.8	120.4 ± 5.9	103.1 ± 7.3	92.8 ± 4.5
Cocaine	108.7 ± 19.3	98.1 ± 19.3	93.1 ± 19.2	79.0 ± 19.8	87.3 ± 13.7
S(+)Amphetamine	101.7 ± 7.3	86.3 ± 2.3	88.8 ± 1.5	128.7± 9.1	69.9 ± 5.2
S(+)Methamphetamine	102.8 ± 7.7	85.4 ± 2.4	91.7 ± 2.5	120.1 ± 11.4	90.9 ± 5.4
(±)MDA	105.0 ± 6.3	82.8 ± 6.4	89.5 ± 13.4	120.5 ± 9.2	75.5 ± 5.0
(±)MDMA	98.9 ± 6.1	77.2 ± 0.4	88.2 ± 3.1	118.5 ± 1.9	88.6 ± 6.3
(±)MDEA	96.4 ± 4.9	72.4 ± 14.0	82.9 ± 5.0	110.2 ± 5.7	95.7 ± 5.9
Morphine	109.7 ± 11.5	114.1 ± 10.3	89.1 ± 10.1	109.8 ± 17.4	72.8 ± 4.0
Codeine	109.1 ± 5.1	132.0 ± 5.8	90.8 ± 10.1	110.4 ± 9.3	85.4 ± 2.0
Hydrocodone	103.8 ± 11.8	129.7 ± 13.7	103.8 ± 11.1	112.7 ± 16.1	90.4 ± 2.3
Oxycodone	98.2 ± 8.7	112.8 ± 8.2	88.5 ± 12.2	120.7 ± 10.2	83.8 ± 3.1
Hydromorphone	99.9 ± 11.5	125.4 ± 11.6	110.9 ± 12.0	112.0 ± 16.6	91.8 ± 2.0
6-MAM	113.0 ± 9.8	95.7 ± 6.6	113.4 ± 20.9	115.4 ± 8.4	104.0 ± 4.6
PCP	104.8 ± 2.2	99.1 ± 1.4	101.5 ± 1.3	105.7 ± 1.2	84.0 ± 1.1
(-)Delta9-THC	102.9 ± 10.8	98.9 ± 15.1	71.3 ± 10.2	60.7 ± 11.3	104.0 ± 5.7

*LC/MS data generated by third party study

Oral Fluid Collection System Ordering Information

Product	Available Sizes	Product Number
NeoSal Oral Fluid Collection System	25 pack	128101-25
NeoSal Buffer NeoSal Buffer	500 mL 1 L	120176 120177
Buffer Tube Caps	25 pack	128102-25

Call 800.477.8201 to order or visit NEOGEN.com

Korb, S. MSc, Scott, K. PhD, Wylie, F. PhD. Investigation into Application of the NeoSal™ Oral Fluid Collection Device for the Determination of Amphetamine and Methamphetamines. Poster session presented at: SOFT Annual Meeting; 2016 Oct. 16-21; Dallas, TX.

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