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)

ADDRESS (15431) 경기도 안산시 단원구 풍전로 37-9 트리플렉스 301동 118호
TEL 0507-1374-9229
FAX 0504-481-6749
E-MAIL bkkim@snapshoot.co.kr

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

SNAPSHOOT
ENGINEERED FOR A SAFER TOMORROW

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.



Gabapentin Forensic ELISA Kit

Clear Performance and Trusted Results

Neogen now offers a unique ELISA screening tool optimized for oral fluid, urine, and blood/serum — delivering clear performance and trusted results.

Our gabapentin immunoassay delivers a reliable and streamlined approach to detecting this drug, helping forensic laboratories expand their screening capabilities with confidence.

Background

Gabapentin is a medication primarily prescribed for seizure disorders and neuropathic pain. A growing concern has emerged around its misuse for recreational purposes. Although gabapentin is not classified as a controlled substance at the federal level in the U.S., some states have passed their own laws classifying gabapentin as a schedule V controlled substance.

The rationale for testing gabapentin has become increasingly urgent due to its rising misuse. At high doses, gabapentin can induce euphoria, sedation, and dissociative effects — similar to those produced by opioids and benzodiazepines — making it attractive for recreational use. Additionally, gabapentin is frequently used in combination with opioids to enhance their psychoactive effects, which substantially increases the risk of respiratory depression and overdose.

As gabapentin misuse continues to escalate, forensic laboratories must evolve their testing capabilities to keep pace. Our forensic ELISA provides a reliable and efficient tool to detect gabapentin, enabling laboratories to deliver more comprehensive screen solutions.

High Specificity and Sensitivity

- Kit is optimized to detect gabapentin
- Minimal cross-reactivity with structurally similar compounds, ensuring accurate test results

Adaptable Testing

- Validated for multiple matrices, including: oral fluid, whole blood, serum, and urine
- Flexible detection thresholds to meet your program's needs

Efficient Workflow

- With only minimal training required, our simple assay process means less wasted time and resources within your lab
- Our forensic experts provide validation assistance and comprehensive technical support every step of the way

Cross Reactivity Table

Compound	Compound Concentration (ng/mL)	Gabapentin Equivalents (ng/mL)	% Cross Reactivity
Gabapentin	11	11	100
Pregabalin methyl ester	117	11	9.4
(-)-Levamisole	244	11	4.5
Gabapentin Enacarbil	256	11	4.3
Pyrantel	583	11	1.9
Pregabalin	1,020	11	1.1
R(-)-Methamphetamine	7,630	11	0.1

Note: Gabapentin equivalents represent 50% B/B_0 assay displacement in EIA Buffer.

Product	Available Sizes	Product Number
Gabapentin Forensic ELISA Kit	96-well	182419
	480-well	182415

References

Evoy, K. E., Morrison, M. D., & Saklad, S. R. (2017). Abuse and misuse of gabapentin: A systematic review. Addictive Behaviors, 73, 109–123.https://doi.org/10.1016/j.addbeh.2017.05.016

Smith, R. V., Havens, J. R., & Walsh, S. L. (2016). Gabapentin misuse, abuse and diversion: A systematic review. Addictive Behaviors, 61, 87–93.https://doi.org/10.1016/j.addbeh.2016.05.014

Reeves, R. R., Burke, R. S. (2014). Clinical issues in the pharmacologic treatment of substance use disorders with gabapentin. Journal of Clinical Psychiatry, 75(6), 567–574.https://pubmed.ncbi.nlm.nih.gov/25004174

Steinman, M. A., et al. (2019). Gabapentin use in U.S. nursing homes. Journal of the American Geriatrics Society, 67(8), 1738–1744.https://doi.org/10.1111/jgs.15995

NEOGEN

Neogen Corporation, 620 Lesher Place, Lansing, MI 48912 USA.

© Neogen Corporation 2025. All rights reserved. Neogen is a registered trademark of Neogen Corporation.
All other marks mentioned are the property of their respective owners.

Forensic use only
SP00054_0625