

nal von minden

## Drug-Screen<sup>®</sup> 7-Aminoclonazepam rapid test

For the detection of 7-Aminoclonazepam in urine • Cut-off level: 200 ng/mL

### Benzodiazepine – from medication to addiction

Benzodiazepines are amongst the most commonly prescribed medications worldwide. Considered a safer alternative, they have long since replaced barbiturates in the treatment of anxiety and sleep disorders. Nevertheless, high doses and long-term use can still lead to dependency.

One of the most common benzodiazepines on the market is clonazepam, which is available under the brand name Klonopin or Rivotril. It is used as a sedative, anxiety relief and in the prevention of epileptic fits. Clonazepam is primarily metabolised to 7-Aminoclonazepam (7-ACL). Up to 70% of a dose can be detected in its metabolite form in urine for up to 7 days. Should clonazepam be consumed regularly over a longer time period, the detection window can extend to up to 3 weeks.

### Closing a gap in diagnostics

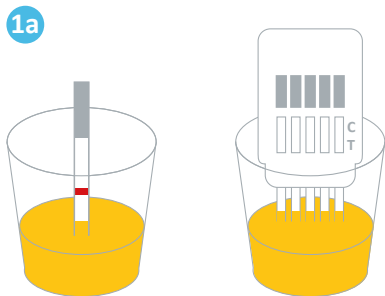
Both clonazepam and 7-ACL have a different lead substance from that which is detected by most benzodiazepine rapid tests, meaning that they will not be picked up in screening tests. For this reason, rapid tests were developed to specifically detect clonazepam. However, only dose traces appear in urine, too little for proper detection. With the 7-ACL

rapid test, nal von minden has taken a different approach. We have closed the diagnostic gap by clearly and reliably detecting the most important indicator of benzodiazepine use – its metabolite.

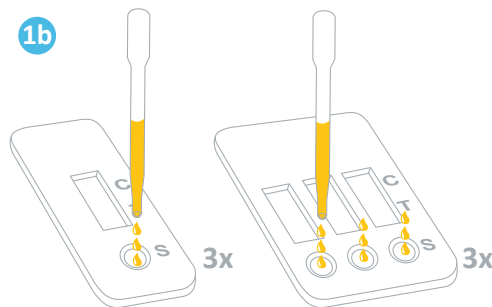
### Your benefits at a glance:

- ✓ Detection time: Chronic use: 2-3 weeks / one-time use: 3-7 days
- ✓ Detection of main metabolite
- ✓ Qualitative test
- ✓ Easy to use
- ✓ Fast and reliable results
- ✓ Minimum 12 month shelf life
- ✓ Integratable into multi-test combinations
- ✓ In accordance with DIN EN ISO 15189 for medical laboratories, our rapid tests are available barcoded for device-based evaluation

## Test procedure



Immerse the test strip in the urine for **15-30 seconds** as far as the MAX mark. The fluid should not exceed the MAX mark.



Dispense **3 drops** of urine (ca. 120  $\mu$ l) into the sample well(s). Ensure that no urine gets directly onto the reaction field.



Read the results **after 5 minutes**. It is recommended to confirm a positive result after 8 minutes.

A detailed description can be found in the package insert.

## Result interpretation



## Clonazepam

Rapid tests for the detection of 7-Aminoclonazepam

| Product                       | Format        | Sample material | Cut-off level | Product code | Pack size                       |
|-------------------------------|---------------|-----------------|---------------|--------------|---------------------------------|
| Drug-Screen<br>7-ACL 200 Test | Test strips   | Urine           | 200 ng/mL     | 101084       | 50 tests<br>individually packed |
| Drug-Screen<br>7-ACL 200 Test | Test cassette | Urine           | 200 ng/mL     | 102084       | 30 tests<br>individually packed |

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Our **customer service team** is on hand to answer any questions you may have by telephone, via email or in a personal consultation. For details on **your local sales office and regional free phone numbers**, visit [www.nal-vonminden.com](http://www.nal-vonminden.com).

We help you care!

Rapid Tests

Laboratory Diagnostics

Laboratory Service

Consulting & Service

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