

nal von minden

Drug-Screen[®] Methylphenidate (MPD) Rapid Test

Rapid test for urinalysis · Cut-off: 150 ng/mL

Ritalin[®] is frequently misused in 'brain doping' – and not for nothing. It enhances mental and physical performance, increases concentration, boosts self-confidence and suppresses hunger, thirst and fatigue.

In the mid-1930s it was accidentally discovered that stimulants enhance the ability to concentrate, calming hyperactive children. When the Italian chemist Leandro Panizzon synthesised methylphenidate in 1944, he named the result after his wife Marguerite – known as Rita. Although controversial to this day, Ritalin[®] continues to be used in the treatment of attention-deficit/hyperactivity disorder (ADHD) and narcolepsy.

Today, methylphenidate is available in numerous other preparations – as a racemic mixture and as pure dexamethylphenidate, the isomer that is mainly responsible for the drug's pharmacological effects.

As is not uncommon among stimulants, methylphenidate's potential for misuse is high.

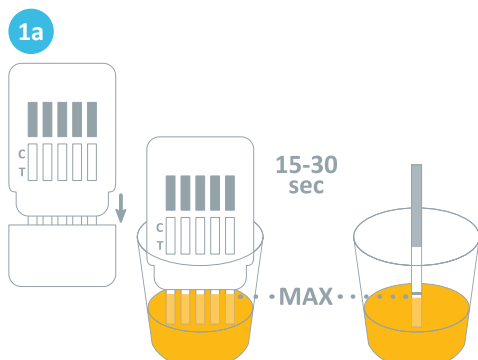
The nal von minden Drug-Screen[®] Methylphenidate (MPD) Rapid Test is a competitive immunoassay for the qualitative detection of methylphenidate in human urine, with a cut-off of 150 ng/mL.

The methylphenidate rapid test can be used as an aid in the initiation or monitoring of therapeutic measures. As an *in-vitro* diagnostic tool for professional use, the test delivers a visual, preliminary analytic result.

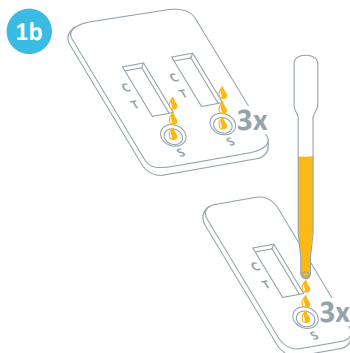
Your benefits at a glance

- ✓ Detection time: 1-2 days
- ✓ Easy to use
- ✓ Fast and reliable test results in just 5-8 minutes
- ✓ Minimum shelf life of 11 months
- ✓ In accordance with DIN EN ISO 15189 for medical laboratories, our cassette test is also available barcoded for use in reader-based evaluation
- ✓ Can also be integrated into multi-test combinations

Test procedure



Immerse the test strip in the urine sample as far as the corresponding mark (MAX) for **15-30 seconds**. The liquid must not exceed the MAX mark.



Transfer **3 drops** (approx. 120 µL) of urine into each sample well. Make sure that the urine does not come into direct contact with the reaction field.



Read the result of the drug test **after 5 minutes**. Confirming a positive result after 8 minutes is recommended.

More detailed information can be found in the instructions for use.

Result interpretation



Product	Format	Sample	Cut-off	Product code	Pack size
nal von minden Drug-Screen® Methylphenidate Rapid Test	Test strips	Urine	150 ng/mL	101078	50 individually packed test strips
nal von minden Drug-Screen® Methylphenidate Rapid Test	Test strips	Urine	150 ng/mL	105078	25 test strips in a tube
nal von minden Drug-Screen® Methylphenidate Rapid Test	Test cassette	Urine	150 ng/mL	102078	30 individually packed test cassettes

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.

We help you care!

Rapid Tests

Laboratory Diagnostics

Laboratory Service

Consulting & Service

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