



## nal von minden Drug-Screen® GHB rapid test

**Rapid test for urine analysis · Cut-off: 10 µg/mL**

Gamma hydroxybutyrate (GHB), also known by the trade name Xyrem (sodium oxybate), is used medicinally in the treatment of conditions such as narcolepsy and alcohol withdrawal. On the club scene, GHB is used recreationally under names such as Liquid Ecstasy or Gamma-Oh to induce euphoria, feelings of tranquility and increase sociability – though not without its dangers and not always knowingly.

Perhaps one of the most worrying traits of GHB is the stealth with which it can be administered. An odourless, colourless and almost tasteless liquid, GHB can easily be added to drinks and unwittingly consumed, making it a particularly dangerous facilitator in cases of date rape. Due to its ability to sedate and even cause amnesia, victims become incapacitated and unable to resist or clearly remember their ordeal.

GHB is a central nervous system depressant. Dose dependent, it affects dopamine, stimulating release at low concentrations and inhibiting release at higher concentrations, giving rise to paradoxical sedative and stimulatory effects. At low to medium doses, users can expect their inhibitions to drop within half an hour, leaving them feeling exhilarated as well as more

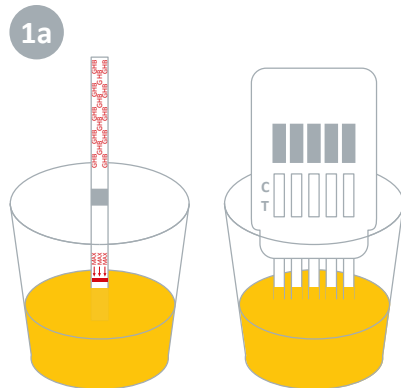
sociable, much like the effects of alcohol. However, due to the unregulated concentrations in doses of GHB, the risk of overdose is high and carries a host of unpleasant and even dangerous consequences – especially when mixed with other drugs like alcohol, as is often the case.

Pro-drugs, such as Gamma butyrolactone (GBL) and 1,4-butanediol (1,4-BD) which, once taken, are converted by the body to GHB, are also indirectly detectable using the nal von minden Drug-Screen® GHB test.

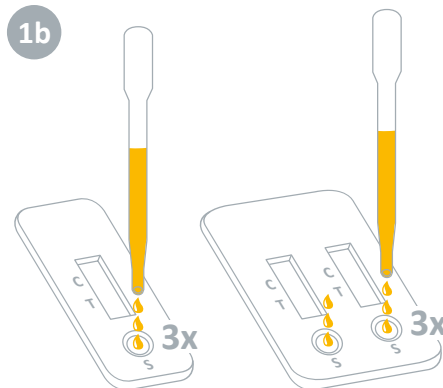
### Your benefits at a glance:

- ✓ Detection window: 6-12 hours
- ✓ Easy to use
- ✓ Fast and reliable results in just 3-5 minutes
- ✓ Minimum 12 month shelf life
- ✓ Integratable in multi-test combinations
- ✓ In accordance with DIN EN ISO 15189 for medical laboratories, our rapid tests are available barcoded for use in reader-based evaluations

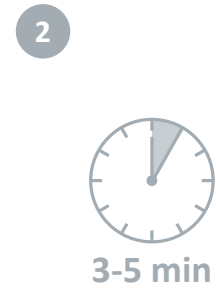
## Test procedure



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



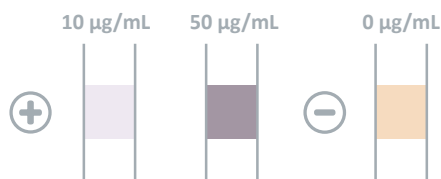
Transfer 3 drops of urine (about 120 µl) into each sample opening of the test cassette. Make sure that the urine does not come into contact with other areas of the test.



Read the results of the GHB tests after 3 minutes.

A detailed instruction for use can be found in the package insert.

## Result interpretation



## GHB

Rapid test for the detection of gamma-hydroxybutyric acid in urine

Product	Format	Sample	Cut-Off	Product code	Pack Size
Drug-Screen GHB 10 µg/mL	Test strip	Urine	10 µg/mL	101089	50 individually packed test strips
	Test cassette			102089	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](http://www.nal-vonminden.com).

We help you care!

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