

new art laboratories



GHB

SPC

THC

COC

MDMA

LSD

MTD

TIL



Toxicology

Immunological point-of-care tests,
reader systems and laboratory analyses
for drug and alcohol detection



nal von minden

Your partner in professional diagnostics

We help you care!

For 40 years, our company has been characterised by innovative products and an outstanding service. Through intensive exchange with our customers, we have optimised our portfolio for you and adapted it to current developments in the healthcare and drug market. We strive to stay the most innovative company in the industry and remain your first contact for all questions concerning drug screen rapid tests. We don't just want to meet your needs, we want to inspire you too.

We have a presence throughout Germany, with more than 5 locations, as well as all over Europe, with several subsidiaries and an extensive network of customer service advisers and field representatives.

Quality Assurance

We understand our responsibility as a manufacturer of *in-vitro* diagnostics. For this reason, the quality of our products and customer service is of utmost importance. Our quality management system has been certified according to EN ISO 13485 and ISO 9001 since 2003, and is reviewed by TÜV Rheinland on a yearly basis. Internal audits, an extensive process map and a corrective-and-preventative system help us to maintain the highest standards.

Our products, in line with European IVD directives, are CE certified and have proven their capabilities on the market over many years. We take part in proficiency tests regularly and with great success.



CEO of nal von minden GmbH: Lukas Eder

Contents

Your partner in professional diagnostics	2	Saliva tests	26
nal von minden Product portfolio	4	Saliva Classic.....	27
Rapid drug tests: Parameter overview	5	Saliva Cup	28
Test structure and principle	6	Reader.....	29
Design layout and interpretation	7	Rapid Slide Scanner (RSS) III	30
Choosing a sample material.....	8	RSS flash	31
Urine rapid tests.....	9	Laboratory analysis	33
Urine single tests.....	10	Drug detection in substances and residues	36
Urine multi-tests	11	ESA substance tests.....	37
Urine cup tests	19	Tracedetect substance tests	38
Cup II (Key-Cup).....	20	Leadix	39
Adulteration tests.....	22	Alcohol tests.....	40
Whole blood tests	24	Quality management and service	42
		Our range of services.....	43



nal von minden product portfolio

Your specialist for *in-vitro* diagnostics

We consistently use our capabilities, our knowledge and our 40 years of experience to widen and refine our portfolio and processes. Our contact with you, the customer, and your suggestions are critical in achieving this. Working together with you, we can find innovative solutions to meet your requirements. As your long-standing partner, we want to be the best – not just to satisfy your needs, but to inspire you too.

Our current portfolio includes rapid tests in the areas of paediatrics, gynaecology, urology, infectious diseases, bacteriology, oncology and toxicology. Furthermore we can provide toxicology laboratory diagnostics through our partner laboratories as well as POCT devices that bring the laboratory to your practice.

Our catalogues, brochures and flyers are available in thirteen languages: German, English, French, Spanish, Italian, Polish, Dutch, Czech, Finnish, Portuguese, Swedish, Danish and Russian. **Further information on our extensive product range can be found at www.nal-vonminden.com, or you can contact us directly at info@nal-vonminden.com.**



info@nal-vonminden.com



+49 941 29010-0



The following QR code will take you directly to our download page:



Rapid drug tests

Point-of-care tests for every need

Whether for use in prosecution or rehabilitation, rapid drug tests represent an invaluable aid for medical, social and penal authorities in the modern age. As the drug market continues to evolve and become more innovative, so too must the tools with which we can lend our support to all those affected by it. nal von minden offers a wide range of tests for the detection of drugs and their consumption in urine, saliva, blood (serum, plasma) or

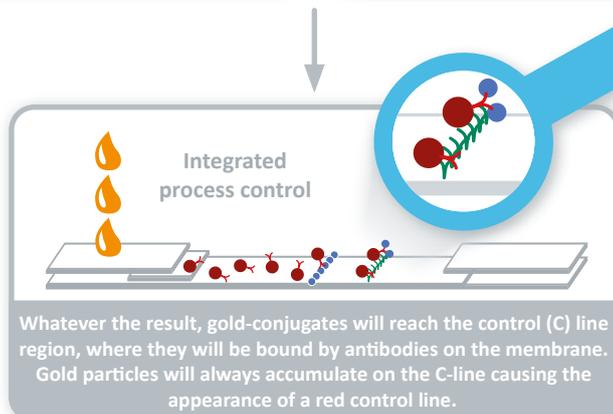
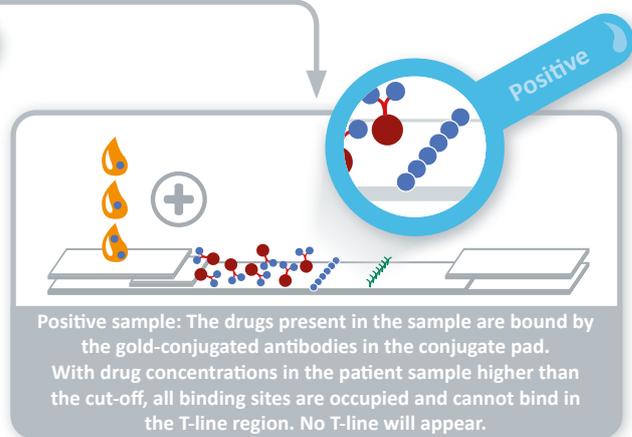
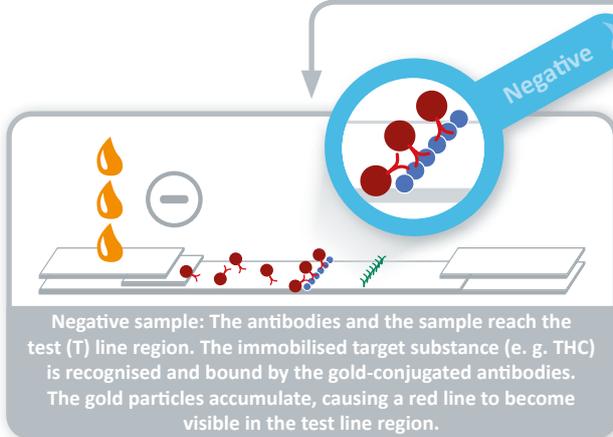
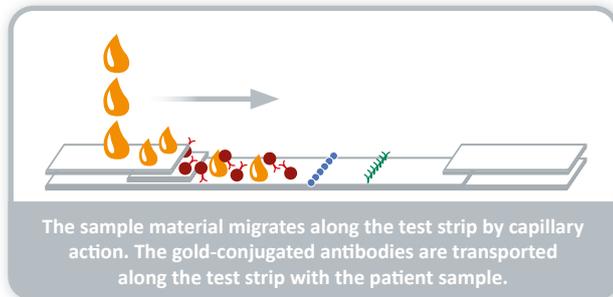
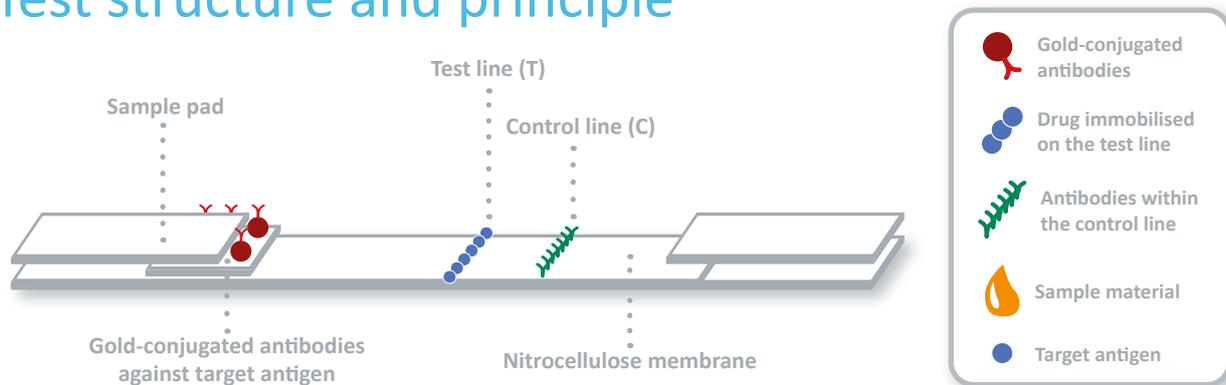
– in the case of alcohol – in breath. Almost 40 different parameters, as well as 7 different adulteration parameters, can be detected using our Drug-Screen urine rapid tests. These products are available in dip, cassette and cup format to suit your requirements. We also offer substance tests for the detection of unknown powders, tablets and liquids. Please find further details regarding our products in this catalogue.

Available parameters:

7-Aminoclonazepam	ACL	Methylenedioxypropyvalerone	MDPV
Alcohol	ALC	Methamphetamine	MET
Amphetamine	AMP	Morphine / Opiates	MOR/OPI
Barbiturates	BAR	Methylphenidate	MPD
Buprenorphine	BUP	Methaqualone	MQL
Benzodiazepines	BZD	Methadone	MTD
Cathine	CAT	Oxycodone	OXY
Cocaine	COC	Paracetamol	PCM
Cotinine	COT	Phencyclidine	PCP
EDDP	EDDP	Pregabalin	PGB
Ethylglucuronide	EtG	Propoxyphene	PPX
Fentanyl	FYL	Spice / K2	SPC
Gamma-Hydroxybutyric acid	GHB	Tricyclic antidepressants	TCA
6-Monoacetylmorphine	HRN/6-MAM	Cannabinoids	THC
Ketamine	KET	Tilidine	TIL
Kratom	KRA	Tramadol	TML
Lysergic acid diethylamide	LSD	UR-144 / K4	UR-144
Ecstasy	MDMA	Zolpidem	ZOL
Mephedrone	MEP	Zopiclone	ZOP

nal von minden Drug-Screen® Rapid Tests

Test structure and principle

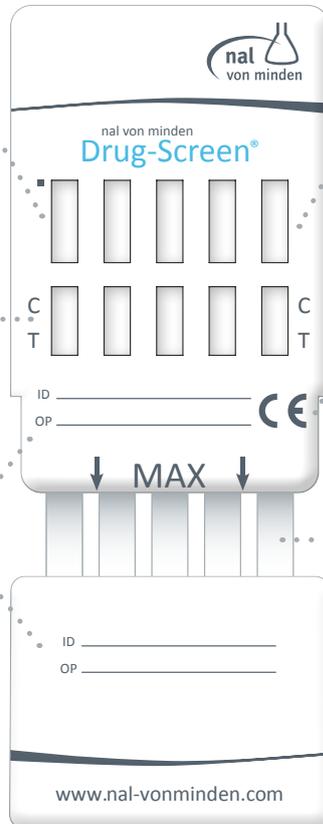


Design layout and interpretation

Clearly legible result field for every parameter

Integrated control to monitor test performance

Field for patient details



Variable integrated parameters - choose from >35 different parameters and cut-offs

Conformity to official standards

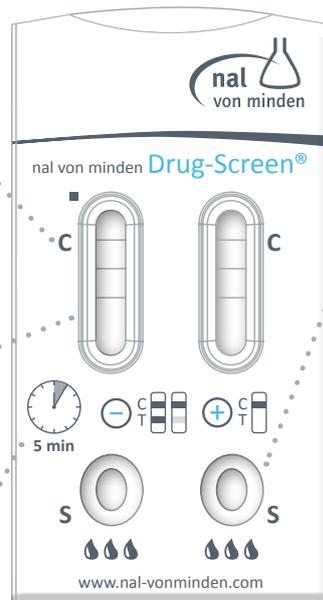
Absorbent pad for sample collection

Hygiene cap to seal the test after sampling

Integrated control line to monitor test performance

Clearly legible result field for each parameter

Visual interpretation aid



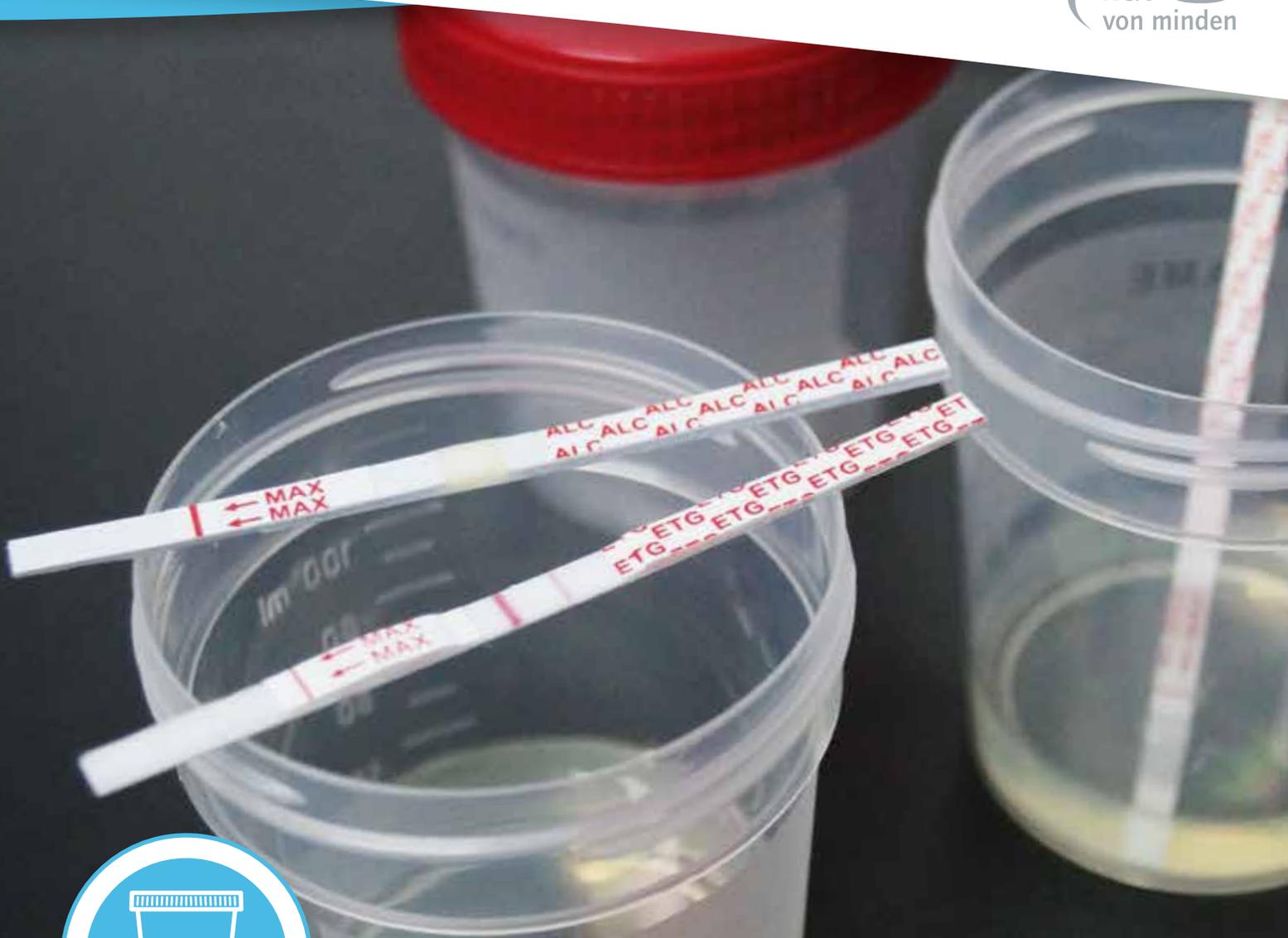
Hygienic test procedure using urine droplets

Optimised parameter combination for every kind of application

Individually packed and stable for two years from production

Choosing a sample material

	Urine	Saliva	Whole blood/ serum/plasma
Detection window	Delayed, then for several days	Immediately following consumption, then for several hours	Immediately following consumption, then for several hours
Context	Establishing consumption has taken place	Detecting current use/intoxication	Detecting current use/intoxication
Area of application	Workplace testing, detox clinics, police checks, prisons, schools, substitution	Workplace testing, detox clinics, police checks, prisons, schools, substitution	Emergency situations, treatment monitoring, ascertaining state of intoxication
Advantages	<ul style="list-style-type: none"> • Non-invasive • No limit to sample volume • Long detection window • Good flow properties 	<ul style="list-style-type: none"> • Non-invasive • On-site sampling possible • Manipulation almost impossible • Concentration comparable with blood • Immediate detection 	<ul style="list-style-type: none"> • Manipulation impossible • Consumption detectable immediately • Follow-up monitoring possible
Disadvantages	<ul style="list-style-type: none"> • Invades privacy • 'Shy bladder' • Manipulation via <i>in-vitro</i> or <i>in-vivo</i> dilution possible • Metabolism, food and drink can influence test results 	<ul style="list-style-type: none"> • Short detection window • Food, drink and other contaminants in the mouth can influence test results • Some medications cause a dry mouth • High viscosity of sample material 	<ul style="list-style-type: none"> • Invasive • Sterile equipment and trained personnel required • Short detection window • High viscosity (whole blood)



Urine rapid tests

More accurate, more effective and more tamper-proof than ever! The nal von minden Drug-Screen® urine rapid tests are a cost-effective aid in the detection of drugs, medication and their metabolites in urine samples. Tests determine the presence of illegal and adulteration substances, offering quick and reliable results within 5 to 8 minutes. Our tests boast up to 99 percent agreement with the gold standard GC-MS method. To meet your needs, we offer our urine rapid tests in three formats: dip, cassette and cup tests.

Advantages

- ✓ Simple and hygienic test procedure
- ✓ Fast and reliable results
- ✓ Flexible cut-off options for varying needs
- ✓ Variety of multi-test combinations for the simultaneous detection of multiple parameters

For use in

- ✓ Detox and rehabilitation
- ✓ Emergencies
- ✓ Forensics
- ✓ Workplace testing
- ✓ Transport authorities and custom controls

Urine single tests

Parameter	Abbreviation	Cut-off	Product code (50 individually packed test strips)	Product code (25 strips per tube)	Product code (30 individually packed cassettes)
7-Aminoclonazepam	ACL200	200 ng/mL	101084	—	—
Alcohol	ALCO,2	0.2 ‰	101036	—	—
Amphetamine	AMP300	300 ng/mL	101016	—	—
	AMP1000	1000 ng/mL	101001	620015	102001
Barbiturates	BAR300	300 ng/mL	101002	—	102002
Benzodiazepines	BZD100	100 ng/mL	101031	—	—
	BZD300	300 ng/mL	101003	620065	102003
Buprenorphine	BUP10	10 ng/mL	101004	620150	102004
Cathine	CAT100	100 ng/mL	101097	—	102097
Cocaine	COC100	100 ng/mL	101026	—	—
	COC300	300 ng/mL	101005	620045	102005
Cotinine	COT200	200 ng/mL	101019	—	—
EDDP	EDDP100	100 ng/mL	101021	—	—
Ethylglucuronide	EtG500	500 ng/mL	101062	—	102062
Fentanyl	FYL10	10 ng/mL	101029	—	—
Gamma-Hydroxybutyric acid	GHB10	10 µg/mL	101089	—	—
6-Monoacetylmorphine	HRN/6-MAM10	10 ng/mL	101057N-50	—	102057N-30
Ketamine	KET1000	1000 ng/mL	101024	—	—
Kratom	KRA100	100 ng/mL	101099	—	102099
Lysergic acid diethylamide	LSD10	10 ng/mL	101079	—	102079
Ecstasy	MDMA500	500 ng/mL	101008	—	—
Mephedrone	MEP100	100 ng/mL	101098	—	—
Methylenedioxy- rovalerone	MDPV500	500 ng/mL	101076	—	—
Methamphetamine	MET300	300 ng/mL	101018	—	—
	MET1000	1000 ng/mL	101007	—	—
Morphine/Opiates	MOR/OPI100	100 ng/mL	101027	—	102027
	MOR/OPI300	300 ng/mL	101009	620035	102009
	MOR/OPI2000	2000 ng/mL	101010	—	—
Methylphenidate	MPD150	150 ng/mL	101078	—	102078
Methadone	MTD300	300 ng/mL	101006	620075	102006
Oxycodone	OXY100	100 ng/mL	101032	—	—
Pregabalin	PGB500	500 ng/mL	101067	—	102067
Spice/K2	SPC50	50 ng/mL	101045	105045	102045
Tricyclic antidepressants	TCA1000	1000 ng/mL	101013	—	102013
Cannabinoids	THC25	25 ng/mL	101017	—	102017
	THC50	50 ng/mL	101012	620055	102012
	THC150	150 ng/mL	101023	—	—
Tilidine	TIL300	300 ng/mL	101071	—	102071BA
Tramadol	TML100	100 ng/mL	101028	—	—
Zolpidem	ZOL25	25 ng/mL	101070	—	102070
Zopiclone	ZOP50	50 ng/mL	101066	—	—



Urine multi-tests

Time is money! To save you both, nal von minden Drug-Screen® dip and cassette tests are also available as multi-tests. These urine tests allow for the detection of multiple drugs and adulteration parameters simultaneously. A list of our most common combinations can be found in the table on the following page.

Advantages

- ✓ Easy to use and reliable results in minutes
- ✓ Only a small sample (as little as 3 drops) required to perform the tests
- ✓ More than 35 different parameters available



Urine multi-dip tests

nal von minden Drug-Screen® Multi-2 Dip Tests

Product code*	Product	Parameters
103020	Multi 2	AMP1000, THC50
103025	Multi 2E	COC300, MOR/OPI300



nal von minden Drug-Screen® Multi-3 Dip Tests

Product code*	Product	Parameters
620902	Multi 3	BZD300, COC300, MOR/OPI300
103232	Multi 3AC	THC50, THC150, THC300
103234	Multi 3AE	COC100, MDMA500, THC25
621002	Multi 3C	BUP10, MOR/OPI300, MTD300
103030	Multi 3E	AMP1000, COC300, THC50
103038	Multi 3H	COC300, MOR/OPI300, THC50
103034	Multi 3K	COC300, MOR/OPI300, MTD300
103130	Multi 3L	COC300, EDDP100, MOR/OPI300
103031	Multi 3X	THC200, THC300, THC500

nal von minden Drug-Screen® Multi-4 Dip Tests

Product code*	Product	Parameters
103047	Multi 4A	BUP10, COC300, MOR/OPI300, THC50
622502	Multi 4B	BUP10, BZD300, COC300, MOR/OPI300
622102	Multi 4E	BZD300, COC300, EDDP100, MOR/OPI300
103041	Multi 4G	BZD300, COC300, MOR/OPI300, THC50
103141	Multi 4P	AMP1000, BZD300, MOR/OPI300, THC50
630002	Multi 4V	AMP1000, COC300, MOR/OPI300, THC50

nal von minden Drug-Screen® Multi-5 Dip Tests

Product code*	Product	Parameters
620402	Multi 5	AMP1000, BZD300, COC300, MOR/OPI300, THC50
103052	Multi 5A	AMP1000, COC300, MET1000, MOR/OPI300, THC50

*25 cassettes per pack. Alternative test combinations available.

nal von minden Drug-Screen® Multi-5 Dip Tests

Product code*	Product	Parameters
103357	Multi 5AN	AMP300, BZD300, COC300, EDDP100, MOR/OPI300
621202	Multi 5B	AMP1000, BUP10, BZD300, COC300, MOR/OPI300
621702	Multi 5E	AMP1000, BZD300, COC300, EDDP100, MOR/OPI300
622202	Multi 5EB	BUP10, BZD300, COC300, EDDP100, MOR/OPI300
620302	Multi 5M	AMP1000, BZD300, COC300, MOR/OPI300, MTD300
621402	Multi 5MB	BUP10, BZD300, COC300, MOR/OPI300, MTD300
630602	Multi 5S	BZD300, COC300, MOR/OPI300, MTD300, THC50
622302	Multi 5SE	BZD300, COC300, EDDP100, MOR/OPI300, THC50

nal von minden Drug-Screen® Multi-6 Dip Tests

Product code*	Product	Parameters
620602	Multi 6	AMP1000, BZD300, COC300, MOR/OPI300, MTD300, THC50
640402	Multi 6B	AMP1000, BZD300, COC300, MET1000, MOR/OPI300, THC50
103064	Multi 6D	AMP1000, COC300, MDMA500, MET1000, MOR/OPI300, THC50
622402	Multi 6E	AMP1000, BZD300, COC300, EDDP100, MOR/OPI300, THC50
103068	Multi 6H	BUP10, BZD300, COC300, MOR/OPI300, MTD300, THC50
103162	Multi 6K	AMP1000, BUP10, BZD300, COC300, MOR/OPI300, THC50
103062	Multi 6L	AMP1000, BUP10, BZD300, COC300, MOR/OPI300, MTD300
103164	Multi 6O	AMP1000, BZD300, COC300, MDMA500, MOR/OPI300, THC50
103167	Multi 6R	AMP1000, BZD300, MDMA500, MET1000, MOR/OPI300, THC50
103168	Multi 6V	AMP1000, BUP10, BZD300, COC300, EDDP100, MOR/OPI300

nal von minden Drug-Screen® Multi-7 Dip Tests

Product code*	Product	Parameters
630802	Multi 7	AMP300, BZD300, COC300, MET300, MOR/OPI300, MTD300, THC50
103070	Multi 7A	AMP1000, BZD300, COC300, MET1000, MOR/OPI300, MTD300, THC50
103279	Multi 7AJ-AC-B	AMP1000, BUP10, BZD300, COC300, EDDP100, MOR/OPI300, THC50; CREA/OXI/PH
103071	Multi 7B	AMP1000, BUP10, BZD300, COC300, MOR/OPI300, MTD300, THC50
103072	Multi 7C	AMP1000, BUP10, BZD300, COC300, MET1000, MOR/OPI300, THC50
621102	Multi 7EB	AMP1000, BUP10, BZD300, COC300, EDDP100, MOR/OPI300, THC50
103173	Multi 7O	AMP500, COC300, MDMA500, MET500, MOR/OPI300, MTD300, THC50
1160070	Multi 7RA	AMP500, COC300, MDMA500, MET500, MOR/OPI300, MTD300, THC50
1160080	Multi 7RO-AC-A	AMP500, COC300, MDMA500, MET500, MOR/OPI300, MTD300, THC50; PH/CREA

nal von minden Drug-Screen® Multi-8 Dip Tests

Product code*	Product	Parameters
103080	Multi 8A	AMP1000, BAR300, BZD300, COC300, MET1000, MOR/OPI300, MTD300, THC50
103081	Multi 8B	AMP1000, BUP10, BZD300, COC300, MDMA500, MOR/OPI300, MTD300, THC50
103082	Multi 8C	AMP1000, BUP10, BZD300, COC300, MET1000, MOR/OPI300, MTD300, THC50
103086	Multi 8E	AMP300, BUP10, BZD300, COC300, MET300, MOR/OPI300, THC50, TML100
103087	Multi 8H	AMP1000, BUP10, BZD300, COC300, EDDP100, MDMA500, MOR/OPI300, THC50
103184	Multi 8Q	AMP500, COC300, MDMA500, MET500, MOR/OPI300, MTD300, THC50; PH/CREA
103186	Multi 8S	AMP1000, BUP10, BZD300, COC300, KET1000, MOR/OPI300, MTD300, THC50
103187	Multi 8U	AMP300, BUP10, BZD300, MET300, MOR/OPI300, SPC50, THC50, TML100
103188	Multi 8V	ALCO.2, AMP1000, BZD300, COC300, MDMA500, MOR/OPI300, MTD300, THC50

nal von minden Drug-Screen® Multi-9 Dip Tests

Product code*	Product	Parameters
103093	Multi 9B	AMP1000, BUP10, BZD300, COC300, MDMA500, MET1000, MOR/OPI300, MTD300, THC50
103092	Multi 9C	AMP1000, BUP10, BZD300, COC300, EDDP100, MET1000, MOR/OPI300, MTD300, THC50
103094	Multi 9M	AMP1000, BAR300, BUP10, BZD300, COC300, MET1000, MOR/OPI300, MTD300, THC50
103192	Multi 9O	AMP1000, BUP10, BZD300, COC300, MOR/OPI300, MTD300, SPC50, THC50, TML100
1160090	Multi 9RA	AMP500, BUP10, COC300, MDMA500, MET500, MOR/OPI300, MTD300, THC50; PH/CREA
1160091	Multi 9RB	AMP500, BUP5, COC300, MDMA500, MET500, MOR/OPI300, MTD300, THC50; PH/CREA

nal von minden Drug-Screen® Multi-10 Dip Tests

Product code*	Product	Parameters
103100	Multi 10A	AMP1000, BAR300, BZD300, COC300, MET1000, MOR/OPI300, PCP25, MTD300, TCA1000, THC50
103310	Multi 10AH	AMP300, BUP10, BZD300, EDDP100, FYL10, MET300, MOR/OPI300, OXY100, THC25, TML100
103103	Multi 10B	AMP1000, BAR300, BUP10, BZD300, COC300, MET1000, MOR/OPI300, MTD300, TCA1000, THC50
620802	Multi 10E	AMP1000, BAR300, BZD300, COC300, MDMA500, MET1000, MOR/OPI300, MTD300, TCA1000, THC50
103108	Multi 10G	AMP1000, BUP10, BZD300, COC300, EDDP100, MDMA500, MET1000, MOR/OPI300, TCA1000, THC50
103121	Multi 10K	AMP1000, BUP10, BZD300, COC300, FYL10, MET1000, MOR/OPI300, MTD300, THC50, TML100
621802	Multi 10L	AMP300, BAR300, BUP10, BZD300, COC300, MET300, MOR/OPI300, MTD300, TCA1000, THC50

nal von minden Drug-Screen® Multi-10 Dip Tests

Product code*	Product	Parameters
103122	Multi 10P	AMP1000, BUP10, BZD300, COC300, EDDP100, MDMA500, MET1000, MOR/OPI300, MTD300, THC50
103113	Multi 10Y	AMP300, BUP10, BZD300, COC300, FYL10, EDDP100, MET1000, MOR/OPI300, THC50; PH/CREA
103114	Multi 10Z	AMP300, BUP10, BZD200, COC300, MDMA500, MET300, MOR/OPI300, MTD300, OXY100, THC50

nal von minden Drug-Screen® Multi-11 Dip Tests

Product code*	Product	Parameters
103315	Multi 11F-AC-A	AMP300, BUP10, BZD200, FYL10, MDMA500, MET300, MOR/OPI300, MTD300, OXY100, THC25, TML100; PH/CREA
103318	Multi 11I	AMP1000, BUP10, BZD300, EtG500, MET1000, MOR/OPI300, MPD150, MTD300, OXY100, THC50, TML100

nal von minden Drug-Screen® Multi-12 Dip Tests

Product code*	Product	Parameters
103123	Multi 12A	AMP300, BAR300, BUP10, BZD300, COC300, MDMA500, MET1000, MOR/OPI300, MTD300, TCA1000, THC50, TML100
103523	Multi 12AD	AMP300, BUP10, BZD100, COC100, FYL10, MDMA500, MET300, MOR/OPI100, MTD300, OXY100, THC25, TML100
103129	Multi 12C	AMP300, BUP10, BZD300, COC300, FYL10, MDMA500, MET300, MOR/OPI300, MTD300, OXY100, THC50, TML100
103212	Multi 12F	AMP1000, BAR300, BUP10, BZD300, COC300, EDDP100, MDMA500, MET1000, MOR/OPI300, MTD300, TCA1000, THC50
103213	Multi 12G	AMP1000, BAR300, BUP10, BZD300, COC300, KET1000, MDMA500, MET1000, MOR/OPI300, MTD300, THC50; CREA
103217	Multi 12L	AMP300, BUP10, BZD300, COC300, FYL10, MDMA500, MET300, MOR/OPI300, MTD300, TCA1000, THC50, TML100
103218	Multi 12M	AMP300, BUP10, BZD200, COC300, FYL10, MDMA500, MET300, MOR/OPI300, MTD300, OXY100, THC50, TML100
103512	Multi 12Q	AMP300, BUP10, BZD300, COC300, EDDP100, FYL10, MDMA500, MET300, MOR/OPI300, MPD150, SPC50, THC50
103520	Multi 12Z	AMP300, BAR300, BUP10, BZD300, COC300, MDMA500, MET300, MOR/OPI300, MTD300, THC50, TML100, ZOL25

*25 dip tests per pack. Alternative test combinations available.



Haven't found the perfect combination for your needs? We have many more available and can also manufacture custom tests on request.

Contact us today: info@nal-vonminden.com or +49 941 29010-0

Urine multi-cassette tests

anal von minden Drug-Screen® Multi-2 Cassette Tests

Product code*	Product	Parameters
104156BA	Multi 2TD	THC150, THC25



anal von minden Drug-Screen® Multi-3 Cassette Tests

Product code*	Product	Parameters
623002	Multi 3T	BZD300, COC300, MOR/OPI300
104032	Multi 3TC	BAR300, BZD300, TCA1000
104033	Multi 3TD	COC300, MOR/OPI300, THC50
104037	Multi 3TG	THC50, THC150, THC25
104038	Multi 3TH	BUP10, EDDP100, MTD300
104131	Multi 3TL	BZD300, MOR/OPI300, THC50

anal von minden Drug-Screen® Multi-4 Cassette Tests

Product code*	Product	Parameters
630302	Multi 4T	BZD300, COC300, MOR/OPI300, THC50
104042	Multi 4TC	COC300, MDMA500, MOR/OPI300, THC50
104040	Multi 4TD	AMP1000, COC300, MOR/OPI300, THC50

anal von minden Drug-Screen® Multi-5 Cassette Tests

Product code*	Product	Parameters
640002	Multi 5T	AMP300, COC300, MET300, MOR/OPI300, THC50
104252	Multi 5TAA	BAR300, BZD300, MTD300, PCP25, PPX300
104151	Multi 5TB	BZD300, COC300, MOR/OPI300, MTD300, THC50
104050	Multi 5TD	AMP1000, COC300, MET1000, MOR/OPI300, THC50
104054	Multi 5TH	AMP1000, BZD300, COC300, MOR/OPI300, THC50
104166	Multi 5TX	AMP300, BZD300, MET500, MOR/OPI2000, THC50

anal von minden Drug-Screen® Multi-6 Cassette Tests

Product code*	Product	Parameters
640302	Multi 6T	AMP300, BZD300, COC300, EDDP100, MOR/OPI300, THC50
104060	Multi 6TA	AMP1000, BZD300, COC300, MOR/OPI300, MTD300, THC50
640802	Multi 6TB	AMP300, BUP10, BZD300, COC300, MOR/OPI300, THC50
104061	Multi 6TC	AMP1000, COC300, MDMA500, MET1000, MOR/OPI300, THC50
104062	Multi 6TD	AMP1000, BZD300, COC300, MET1000, MOR/OPI300, THC50
104065	Multi 6TG	AMP1000, BZD300, COC300, MDMA500, MOR/OPI300, THC50
104160	Multi 6TL	AMP1000, BUP10, BZD300, EDDP100, MET1000, MOR/OPI300
104164	Multi 6TR	AMP300, COC100, MDMA500, MET300, MOR/OPI100, THC25
104262	Multi 6TY	AMP1000, BZD300, COC300, MOR/OPI300, THC50, THC150

nal von minden Drug-Screen® Multi-7 Cassette Tests

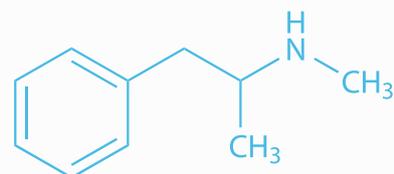
Product code*	Product	Parameters
104070	Multi 7TA	AMP1000, BUP10, BZD300, COC300, MOR/OPI300, MTD300, THC50
104072	Multi 7TC	AMP1000, BZD300, COC300, MET1000, MOR/OPI300, MTD300, THC50
104075	Multi 7TF	AMP500, COC300, MDMA500, MET500, MOR/OPI300, MTD300, THC50
104078	Multi 7TJ	AMP1000, BZD200, COC300, MDMA500, MET1000, MOR/OPI300, THC50
104170	Multi 7TK	AMP1000, BUP10, BZD300, COC300, EDDP100, MOR/OPI300, THC50

nal von minden Drug-Screen® Multi-8 Cassette Tests

Product code*	Product	Parameters
104082	Multi 8TC	AMP1000, BAR300, BZD300, COC300, MET1000, MOR/OPI300, MTD300, THC50
104084	Multi 8TD	AMP1000, BAR300, BUP10, COC300, MDMA500, MOR/OPI300, MTD300, THC50
104087	Multi 8TG	AMP1000, BUP10, BZD300, COC300, MDMA500, MOR/OPI300, MTD300, THC50
104183	Multi 8TO	AMP1000, BUP10, COC300, MDMA500, MET1000, MOR/OPI300, MTD300, THC50
104184	Multi 8TP	AMP1000, BZD200, COC300, KET1000, MDMA500, MET1000, MOR/OPI300, THC50
104185BA	Multi 8TQ	AMP300, COC300, EDDP100, MDMA500, MET300, MOR/OPI300, MTD300, THC50

nal von minden Drug-Screen® Multi-9 Cassette Tests

Product code*	Product	Parameters
104091	Multi 9TB	AMP1000, BAR300, BZD300, COC300, MDMA500, MOR/OPI300, MTD300, TCA1000, THC50
104092	Multi 9TC	AMP500, BUP10, COC300, MDMA500, MET500, MOR/OPI300, MTD300, THC50; PH/CREA



nal von minden Drug-Screen® Multi-10 Cassette Tests

Product code*	Product	Parameters
620802	Multi 10E	AMP1000, BAR300, BZD300, COC300, MDMA500, MET1000, MOR300, MTD300, TCA1000, THC50
104100	Multi 10TC	AMP1000, BAR300, BZD300, COC300, MET1000, MOR/OPI300, MTD300, PCP25, TCA1000, THC50
104101	Multi 10TD	AMP1000, BAR300, BZD300, COC300, MDMA500, MET1000, MOR/OPI300, MTD300, TCA1000, THC50
104010	Multi 10TK	AMP300, BAR300, BZD200, COC100, MDMA500, MET300, MOR/OPI300, MTD300, TCA1000, THC50
104313	Multi 10TO	AMP500, BAR300, BZD200, COC300, MDMA500, MET1000, MOR/OPI300, MTD300, TCA1000, THC50
104315BA	Multi 10TR	AMP300, BAR300, BZD100, COC300, MDMA500, MET300, MOR300, MTD300, TCA300, THC50

nal von minden Drug-Screen® Multi-11 Cassette Tests

Product code*	Product	Parameters
640702	Multi 11T	AMP300, BAR300, BUP10, BZD300, COC300, MDMA500, MET300, MOR/OPI300, MTD300, TCA1000, THC50
104110	Multi 11TA	AMP1000, BAR300, BUP10, BZD300, COC300, MDMA500, MET1000, MOR/OPI300, MTD300, TCA1000, THC50
104114	Multi 11TE	AMP1000, BUP10, COC300, KET1000, MDMA500, MET1000, MOR/OPI300, MTD300, PCM5000, THC50, TML100
104210	Multi 11TJ	AMP1000, BAR300, BZD300, COC300, MDMA500, MET1000, MOR/OPI300, MTD300, PCM5000, TCA1000, THC50
104211	Multi 11TK-AC-C	AMP1000, BAR300, BZD300, COC300, MDMA500, MET1000, MOR/OPI300, MTD300, PCP25, TCA1000, THC50; PH/CREA/SG
104216BA	Multi 11TO	AMP300, BAR300, BUP10, BZD100, COC300, MDMA500, MET300, MOR300, MTD300, TCA300, THC50

nal von minden Drug-Screen® Multi-12 Cassette Tests

Product code*	Product	Parameters
104120	Multi 12T	AMP1000, BAR300, BZD300, COC300, MDMA500, MET1000, MOR/OPI300, MOR/OPI2000, MTD300, PCP25, TCA1000, THC50
104122	Multi 12TB	AMP1000, BAR300, BUP10, BZD300, COC300, MDMA500, MET1000, MOR/OPI2000, MTD300, PCP25, TCA1000, THC50
104123	Multi 12TC	AMP300, BAR300, BUP10, BZD200, COC100, MDMA500, MET300, MOR/OPI100, MTD300, PCP25, TCA1000, THC25
104124	Multi 12TD	AMP1000, BAR300, BUP10, BZD300, COC300, EDDP100, MDMA500, MET1000, MOR/OPI300, MTD300, TCA1000, THC50
104125	Multi 12TE	AMP300, BAR300, BUP10, BZD300, COC300, FYL10, MDMA500, MET300, MOR/OPI300, MTD300, TCA1000, THC50
104126	Multi 12TF	AMP1000, BAR300, BUP10, BZD300, COC300, EDDP100, MDMA500, MET1000, MOR/OPI300, MTD300, TCA1000, THC50; PH/CREA
104128	Multi 12TH	AMP1000, BAR300, BZD300, COC300, MDMA500, MET1000, MOR/OPI300, MTD300, OXY100, PCP25, TCA1000, THC50

*25 cassette tests per pack. Alternative test combinations available.



Haven't found the perfect combination for your needs? We have many more available and can also manufacture custom tests on request.
Contact us today: info@nal-vonminden.com or +49 941 29010-0



Urine cup tests

Hygienic, practical and available with various parameter combinations: The nal von minden Drug-Screen® urine cup tests with integrated test strips are the ideal option for drug screening. The chances of coming into contact with the sample are greatly reduced, making cup tests the most hygienic method of sample collection. The cup can also be used as a transport con-

tainer to send the sample directly to a laboratory for confirmatory analysis. With our innovative Cup II (Key Cup) test, the sample is held separately from the testing strips, so analysis can be started at your convenience. For the early detection of manipulation attempts, each cup test is fitted with an integrated temperature strip to measure sample freshness.

Advantages

- ✓ Simple test procedure with fast, reliable results
- ✓ Reduced risk of coming into contact with sample material
- ✓ Flexible cut-off levels for differing needs
- ✓ Flexible multi-test combination for the detection of several parameters simultaneously
- ✓ Sample collection container and rapid test in one

Key Cups – simple, safe and advanced

Cup II

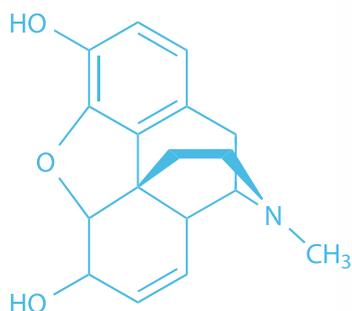
- ✓ Separate sample and test chambers
- ✓ Turn key to begin test process whenever and wherever you're ready
- ✓ Suitable for use with the RSS II, III and flash scanners (connection to LIMS is possible)
- ✓ Available as a two-sided version, allowing for nearly every parameter combination (for evaluation using RSS III only)

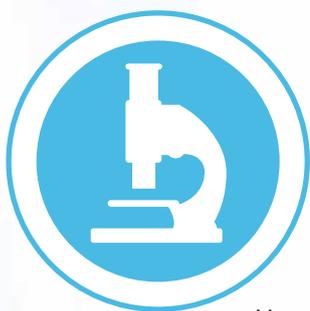


Product code*	Product	Parameters
3 Parameter		
910031	Drug-Screen Cup II 3B	COC100, MDMA500, THC25
5 Parameter		
910050	Drug-Screen Cup II 5A	AMP1000, BZD300, COC300, MOR/OPI300, THC50
6 Parameter		
910060	Drug-Screen Cup II 6A	AMP1000, BZD300, COC300, MOR/OPI300, MTD300, THC50
910061	Drug-Screen Cup II 6B	AMP1000, BZD300, COC300, MET1000, MOR/OPI300, THC50
910062	Drug-Screen Cup II 6C	BUP10, BZD300, COC300, MOR/OPI300, MTD300, THC50
910068	Drug-Screen Cup II 6H	BUP10, BZD300, COC300, EDDP100, MOR/OPI300, THC50
7 Parameter		
910070	Drug-Screen Cup II 7A	AMP1000, BZD300, COC300, MET1000, MOR/OPI300, MTD300, THC50
910071	Drug-Screen Cup II 7B	AMP1000, BUP10, BZD300, COC300, MOR/OPI300, MTD300, THC50
910077	Drug-Screen Cup II 7H	AMP1000, BUP10, BZD300, COC300, EDDP100, MOR/OPI300, MTD300
910078	Drug-Screen Cup II 7I-AC-A	AMP1000, BUP10, BZD300, EDDP100, MOR/OPI300, SPC50, THC50; PH/CREA
911075	Drug-Screen Cup II 7P	AMP1000, BZD300, COC300, MOR/OPI300, MTD300, PGB500, THC50
8 Parameter		
910082	Drug-Screen Cup II 8C	AMP500, COC300, MDMA500, MET500, MOR/OPI300, MTD300, THC50; PH/CREA
911084	Drug-Screen Cup II 8L	AMP1000, BAR300, BZD300, COC300, MET1000, MOR/OPI300, MTD300, THC50
9 Parameter		
910091	Drug-Screen Cup II 9B	AMP500, BUP10, COC300, MDMA500, MET500, MOR/OPI300, MTD300, THC50; PH/CREA
910092	Drug-Screen Cup II 9C	AMP1000, BAR300, BUP10, BZD300, COC300, MDMA500, MOR/OPI300, MTD300, THC50

9 Parameter		
910093	Drug-Screen Cup II 9D	AMP1000, BUP10, BZD300, COC300, EDDP100, MET1000, MOR/OPI300, MTD300, THC50; PH/OXI/SG
910094	Drug-Screen Cup II 9E	AMP300, BUP10, BZD100, COC100, EDDP100, MET300, MOR/OPI100, THC50; CREA
910097	Drug-Screen Cup II 9H	AMP1000, BUP10, BZD300, COC300, MOR/OPI300, MTD300, SPC50, TCA1000, THC50
910099	Drug-Screen Cup II 9J	ALCO.2%, AMP1000, BZD300, COC300, COT200, MOR/OPI300, MTD300, PGB500, THC50
10 Parameter		
910101	Drug-Screen Cup II 10B	AMP1000, BAR300, BZD300, COC300, MDMA500, MET1000, MOR/OPI300, MTD300, TCA1000, THC50
910102	Drug-Screen Cup II 10C	AMP1000, BUP10, BZD300, COC300, MDMA500, MET1000, MOR/OPI300, MTD300, TCA1000, THC50
910106	Drug-Screen Cup II 10F-AC-B	AMP1000, BZD300, COC300, MDMA500, MET1000, MOR/OPI2000, MPD150, SPC50, TCA1000, THC50; PH/CREA/OXI
11 Parameter		
910111	Drug-Screen Cup II 11B	AMP1000, BUP10, BZD300, MET1000, MOR/OPI300, SPC50, MDMA500, MPD150, OXY100, THC25, TML100
910112	Drug-Screen Cup II 11C	AMP1000, BAR300, BUP10, BZD300, COC300, MDMA500, MET1000, MOR/OPI300, MTD300, TCA1000, THC50
12 Parameter		
910122	Drug-Screen Cup II 12C	AMP1000, BUP10, BZD300, COC300, FYL10, MDMA500, MET1000, MOR/OPI300, MTD300, TCA1000, THC50, TML100
910125	Drug-Screen Cup II 12E	ALCO.2, AMP1000, BAR300, BZD300, COC300, COT200, MET1000, MOR/OPI300, MTD300, PCP25, TCA1000, THC50

*25 cup tests per pack. Alternative test combinations available.





Adulteration tests

Very few people are smarter than a drug test. Nevertheless, many attempt to manipulate them. The adulteration methods range from drinking a considerable amount of water before giving a urine sample in a bid to dilute it, to the addition of foreign substances intended to hide or eliminate the drugs or metabolites present in the sample. Unfortunately for them, an adulteration test used in the run up to a drug screening can indicate whether the sample has been manipulated, as well as which method was used.

Safeguarding reliable results

To guarantee they are as tamper-proof as possible, all nal von minden Drug-Screen® rapid tests are equipped with a variety of adulteration indicators. First of all, a control line (C line) is integrated into each test strip to monitor test performance. This confirms that an adequate sample volume has been used and that nothing was added to the sample which may interfere with the test principle in general. Equally important is the quality of the sample material. Different methods are often used to manipulate the outcome of drug tests with the intention of avoiding a positive result. The dilution of urine samples through the addition of extra fluids is a common one.

Testing the temperature of a fresh urine sample can be a fast and clear indicator of the authenticity of the sample. For this reason, you will find temperature strips integrated into every nal von minden Drug-Screen® Cup test. These test strips can also be used in conjunction with other test formats for extra peace of mind. For the

reliable detection of substances in a manipulated sample, all nal von minden multi-parameter urine tests (cup, dip, cassette) can be equipped with adulteration strips. These strips are able to quickly identify whether a sample has been tampered with through the measurement of the parameters listed in the table below.

The nal von minden UrineCheck 7 DoA Adulteration Test allows for the detection of up to 7 adulteration parameters simultaneously, aiding in the identification of manipulation attempts.



Product	Parameter
pH-value	For the detection of added acids or solutions
Nitrite	Nitrate is metabolised to nitrite by gram-negative bacteria – this may alter the test result
Specific weight	For the detection of sample dilution
Creatinine	For the detection of both <i>in-vitro</i> and <i>in-vivo</i> dilution
Glutaraldehyde	Glutaraldehyde is found in some disinfectants and can have an influence on the outcome of the test
Bleaching agents	Bleaching agents can interfere with results as a result of impairing the test and control line
Pyridinium chlorochromate	A chemical that can interfere with the test

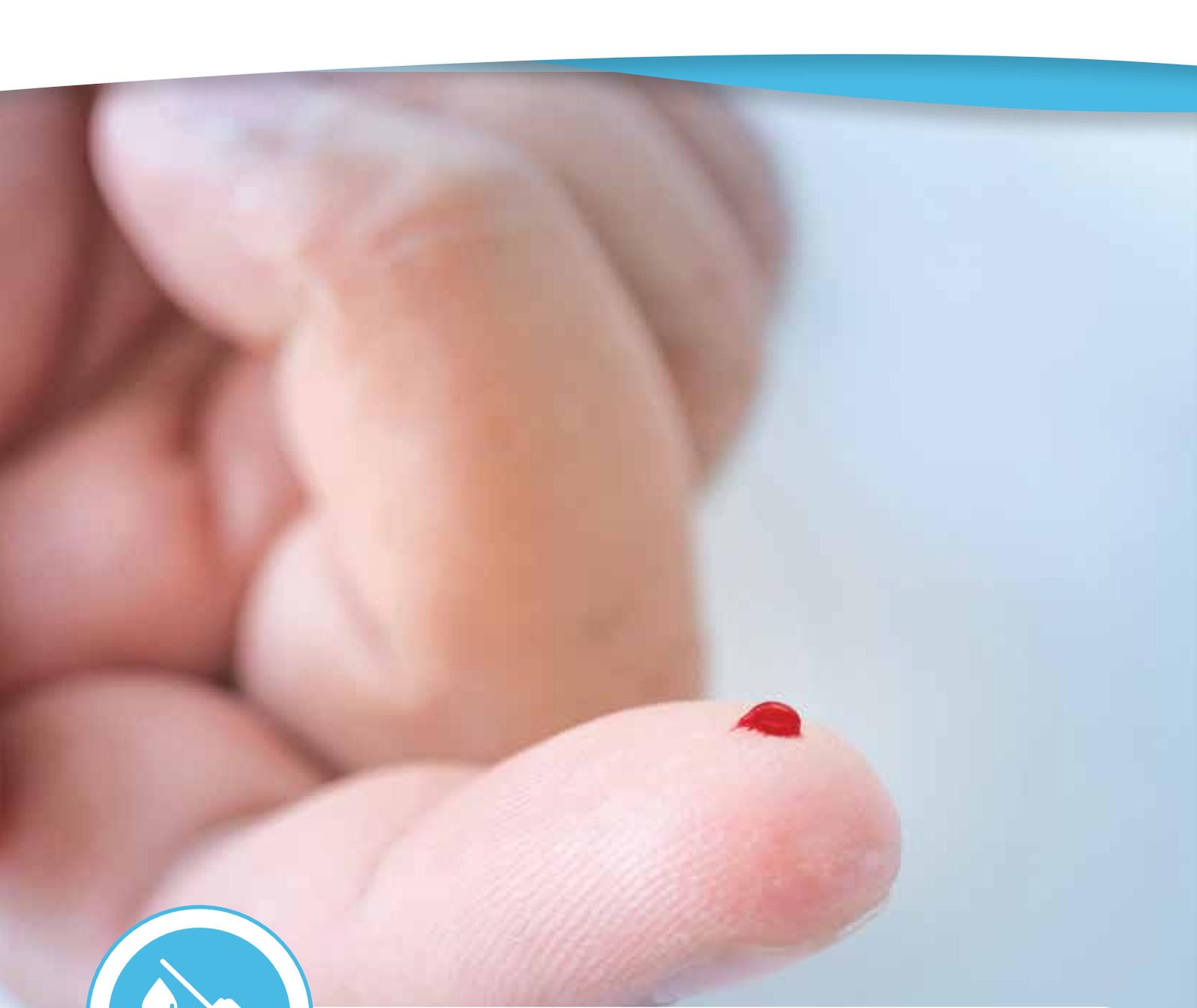
nal von minden adulteration parameters

Test strips for the detection of urine adulteration

Product code	Product	Parameter	Pack Size
630925	UrineCheck 7 DoA Adulteration Test	7 parameter: Creatinine, pH-value, glutaraldehyde, specific weight, nitrite, bleaching agents and pyridinium chlorochromate	25 strips
124004	Temperature Strips	32 °C - 37 °C	100 strips



Are you interested in further adulteration tests? Need help for chain of custody?
Let us know: info@nal-vonminden.com or +49 941 29010-0



Whole blood tests

As reliable as it gets: The nal von minden Drug-Screen® whole blood tests deliver fast and accurate results regarding substance misuse. Using serum and plasma, as well as venous whole blood and capillary blood, drug consumption is detectable within minutes. Sensitive cut-off levels also aid the earlier detection of acute drug consumption.

Advantages

- ✓ Samples cannot be adulterated
- ✓ Substances are detectable within minutes of consumption
- ✓ Fingertip testing possible
- ✓ Specifically designed cut-off levels

For use

- ✓ By emergency doctors
- ✓ On unconscious patients
- ✓ In the detection of acute intoxication
- ✓ During initial testing in post-mortem examinations

Whole blood rapid tests

Single tests cassettes

Product code *	Product	Abbreviation	Cut-off
106016	Drug-Screen AMP (Amphetamine)	AMP50	50 ng/mL
106002	Drug-Screen BAR (Barbiturates)	BAR100	100 ng/mL
106003	Drug-Screen BZD (Benzodiazepines)	BZD100	100 ng/mL
106005	Drug-Screen COC (Cocaine)	COC50	50 ng/mL
106018	Drug-Screen MET (Methamphetamine)	MET50	50 ng/mL
106009	Drug-Screen MOR/OPI (Opiates/Morphine)	MOR/OPI40	40 ng/mL
106006	Drug-Screen MTD (Methadone)	MTD50	50 ng/mL
106013	Drug-Screen TCA (Tricyclic Antidepressants)	TCA300	300 ng/mL
106017	Drug-Screen THC (Cannabinoids)	THC12	12 ng/mL

*30 test cassettes per pack.

Multi-parameter combinations

Product code *	Product	Parameter
2 Parameter		
1110020	Drug-Screen Multi 2XA Test	BZD100, TCA300
3 Parameter		
1110030	Drug-Screen Multi 3XA Test	BAR100, BZD100, TCA300
5 Parameter		
1110050	Drug-Screen Multi 5XA Test	AMP50, COC50, MET50, MOR/OPI40, THC12
1110051	Drug-Screen Multi 5XB Test	BZD100, COC50, MET50, MOR/OPI40, THC12
8 Parameter		
1110080	Drug-Screen Multi 8XA Test	AMP50, BAR100, TCA300, THC12, BZD100, COC50, MET50, MOR/OPI40
9 Parameter		
1110090	Drug-Screen Multi 9XA Test	AMP50, BAR100, BZD100, COC50, MET50, MOR/OPI40, MTD50, TCA300, THC12

* 25 test cassettes per pack. Alternative test combinations available.





Saliva tests

Minimally invasive, tamper-proof and highly effective: The collection of oral fluid doesn't require any special facilities. It allows sampling under supervision whilst still maintaining the subject's dignity. Therefore, saliva tests are particularly popular for roadside and workplace testing, as well as drug screenings in prisons and rehabilitation services. Saliva tests offer an earlier detection window than urine tests, enabling the detection of recent consumption as opposed to consumption over a longer time period.

Advantages

- ✓ Accurate results in just 10 minutes
- ✓ Easy to use and interpret
- ✓ Simple sample collection using swab
- ✓ Long shelf life, storage at room temperature
- ✓ No electronic equipment necessary
- ✓ High sensitivity and specificity

For use in

- ✓ Addiction management treatment
- ✓ Detoxification treatment
- ✓ Emergencies
- ✓ Forensics
- ✓ Workplace testing
- ✓ Transport authorities and custom controls

Saliva Test Classic

In accordance with the wishes and suggestions of our customers, we are constantly evolving – and with us our products. The nal von minden Drug-Screen® Saliva Classic Test has also been revised and can now offer the following features.

Improvements

- ✓ A screw-on cap has replaced a snap lid – for safer and more practical shipping for confirmatory analysis
- ✓ Larger sample collection volume – new swab holds 1 mL
- ✓ Larger drop volume – facilitates application of sample to test
- ✓ More comfortable sampling – thanks to improved taste and appearance of the new, softer sponge
- ✓ More customised parameter combinations possible – your needs are important to us

nal von minden Drug-Screen® Multi-5 Saliva Test Classic

Product code*	Product	Parameters
191052	Multi 5CC	AMP50, COC20, MET50, MOR/OPI40, THC12

nal von minden Drug-Screen® Multi-7 Saliva Test Classic

Product code*	Product	Parameters
191070	Multi 7CA	AMP50, BZD10, COC20, MET50, MOR/OPI40, MTD30, THC12

nal von minden Drug-Screen® Multi-9 Saliva Test Classic

Product code*	Product	Parameters
191091	Multi 9CB	AMP50, BUP5, BZD10, COC20, MDMA50, MET50, MOR/OPI40, MTD30, THC12

*15 tests per pack.



Saliva Cup

Proven test principle, one-step test format: Hygienic, minimally invasive and tamper-proof testing for drug abuse has never been easier. However, this test format has only been available for urine samples – until now. The new saliva cup test now makes it easy to collect test samples using a sponge that can be securely sealed inside a cup.

Advantages

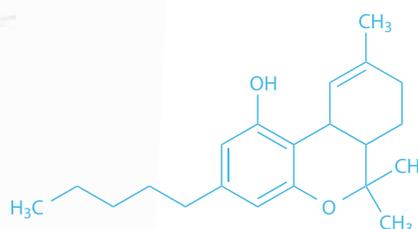
- ✓ Optimised test procedure requiring only 2 steps, no pipetting necessary
- ✓ Integrated volume indicator shows when a sufficient saliva sample has been collected
- ✓ Flat result field for quick and easy documentation
- ✓ The screw cap's snap-in function guarantees that the swab sample is squeezed out completely
- ✓ Evaluation with RSS flash possible



nal von minden Drug-Screen® Multi-5 Saliva Cup

Product code*	Product	Parameters
117050	Multi 5BA Saliva Cup	AMP50, COC20, MET50, MOR/OPI40, THC12

*5 cup tests per pack.





Reader systems

The nal von minden Rapid Slide Scanner (RSS) series offers the ideal tool for simple, fast and objective interpretation of almost all nal von minden rapid tests. Many tests can be barcoded to facilitate scanning with our RSS systems. Our evaluation systems can analyse and store both drug and medical test results in all possible lateral flow test formats. The included software provides the option of saving results externally or exporting them as a custom PDF report.

Tests that can be evaluated with our reader systems:

- ✓ Drug-Screen single dip/cassette test
- ✓ Drug-Screen multi dip/cassette test
- ✓ Drug-Screen Urine Cup II/V
- ✓ NADAL® medical rapid tests
- ✓ Various matrices: urine, saliva, whole blood/serum/plasma



Rapid Slide Scanner (RSS) III

Test, interpret, document: Due to flexible test positioning capabilities and intelligent test recognition software, almost all nal von minden rapid tests can be analysed and interpreted with the RSS III. Along with a wide variety of tests and formats for both drug and medical

testing, tests in cup format can now also be easily positioned in the reader and evaluated. nal von minden also offers a tool for the automatic recognition of barcoded tests, making the Rapid Slide Scanner systems even easier to use. That's drug screening 2.0!

Advantages

- ✓ Easy to use
- ✓ Free positioning of the test
- ✓ Easy and objective evaluation in seconds
- ✓ Automatic recognition of barcoded tests
- ✓ Software in multiple languages
- ✓ Evaluation of up to 12 parameters simultaneously
- ✓ Individual result reports
- ✓ Individual customer support
- ✓ Barcode scanner (handheld; optional) for patient data entry
- ✓ Connection to LIMS (optional)
- ✓ Data export via Microsoft-Excel™ or CSV (optional)
- ✓ Data import via CSV (optional)
- ✓ Remote support and update with internet connection

Product code*	Product	Pack Size
770066	Rapid Slide Scanner (RSS) III	1 device
770061	Rapid Slide Scanner (RSS) III Cup	1 device
770092 + 770093	Cup Upgrade Kit for 770066	1 article
770010	Import/Export license	1 article
770100	Voucher for 5000 strip analyses	1 article
770015	Barcode scanner	1 device

RSS flash

Introducing a mobile, handheld, diagnostic device which delivers objective and precise results in a flash. This robust, lightweight reader is portable and can be used anywhere. It provides clear and easy-to-read results in just 10 seconds, regardless of lighting conditions. You

can reliably interpret the results of cup, dip and cassette tests. The visualisation and documentation of the results is taken to a whole new level with instant data capture using our innovative and intuitive software.

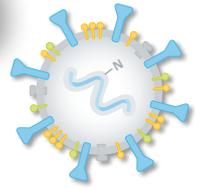
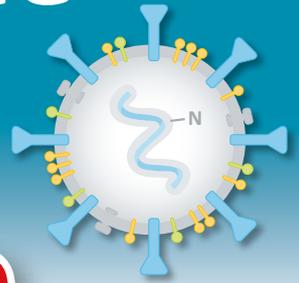
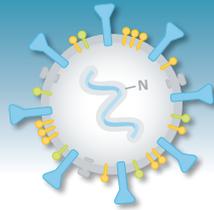
Advantages:

- ✓ Robust, handheld, portable and cable-free
- ✓ Versatile: for use with Drug-Screen and NADAL® medical tests in dip, cup and cassette format
- ✓ Premium high-tech smart device with unlimited storage
- ✓ Highly accurate evaluation in seconds
- ✓ Test interpretation using RSS III Reader software

Product code	Product	Description
770071	RSS flash mobile Reader	Mobile analyser, USB cable, power cable, multifunctional device, user handbook, software download link
770070	RSS flash mobile Reader CUP II	Mobile analyser, USB cable, power cable, cup adapter, user handbook, software download link
770073	RSS flash transport case	Practical transport case for reader and accessories
770078	Upgrade kit	Multi-cassette adapter, single
770079	Upgrade kit	Cup adapter, single
770074	Bluetooth printer	RSS flash thermal printer 5.6 cm



Our contribution to the containment of the pandemic



Test to see if you may be infected with COVID-19

NADAL® COVID-19 Ag Test:

Rapid test for the detection of SARS-CoV-2 viral nucleoprotein antigens in human nasal samples

Your benefits at a glance:

- ✓ Nasal swab samples
- ✓ Pre-filled buffer ampoules
- ✓ High specificity
- ✓ High sensitivity
- ✓ Fast and reliable results in just 15 minutes
- ✓ Storage at room temperature
- ✓ All test components – including sterile swabs – are included
- ✓ No cross-reactivity with seasonal coronaviruses (such as hCoV-229E, -NL63 or -OC43) or influenza viruses (such as influenza A/B)



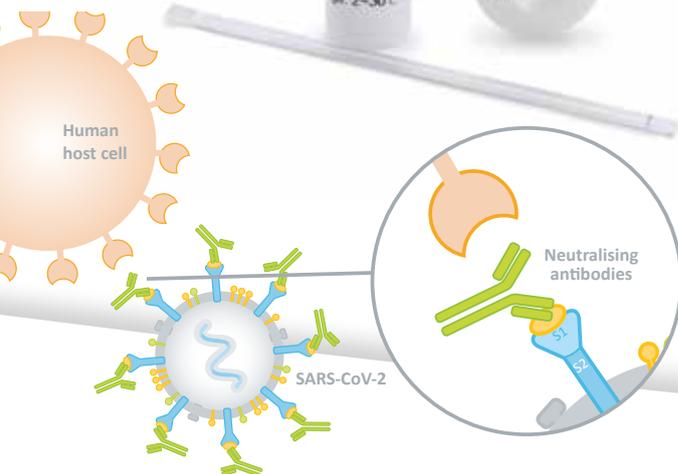
Check if your vaccination was successful

NADAL® COVID-19 NAb Test:

For the qualitative detection of potentially neutralising antibodies against SARS-CoV-2 in human whole blood, serum or plasma samples.

Your benefits at a glance:

- ✓ Fingertick blood sample
- ✓ Can be carried out using whole blood (venous or fingertick), serum or plasma
- ✓ Results in just 2 steps
- ✓ Results within 10 minutes
- ✓ Detection of potentially neutralising antibodies against SARS-CoV-2 following vaccination or infection
- ✓ High sensitivity and specificity
- ✓ Storage at room temperature possible



For more info on our medical rapid tests and POCT-systems download the NADAL® brochure here:

<http://bit.ly/nvm-downloads-en>



Laboratory Analysis

Our nal von minden Drug-Screen® products are intended for preliminary screenings. In situations that may have legal implications or serious medical consequences, it is common practice to perform further laboratory analysis. Here, gas chromatography-mass-spectrometry (GC-MS) or liquid chromatography-mass-spectrometry (LC-MS) are the preferred confirmatory methods. Should you require a laboratory analysis, we will be happy to arrange it for you.

How it works:

1. You order an analysis with us online, by telephone or by fax.
2. We promptly send you a sample collection kit containing all the information and material needed for sending the sample to the laboratory.
3. After collecting the sample in accordance with the instructions included in the kit, seal it in the pre-addressed envelope provided and send it to the laboratory.
4. Your results will be available within approximately 14 days. For an express analysis, this is reduced to 5 working days. Where a confirmatory analysis must be carried out, this process can be slightly longer.
5. The prepared report is sent back to you (solely to the declared address).

Laboratory Analysis

Laboratory Hair Analysis

The detection of drugs and medication through hair analysis gives a much larger detection window than is the case with blood or urine. The consumed substances and their by-products are embedded in hair roots and prevail for a significant time as part of the hair matrix. The precise time frame is dependent on hair length. With an average growth rate of around 1 cm per month, a 12 cm-long hair sample should hold a year's worth of information regarding consumption.

The detection of chronic or excessive alcohol abuse is detectable in hair through the determination of the direct alcohol marker ethylglucuronide (EtG). However, the detection of alcohol consumption in hair is recommended over a 3 month period. Therefore, 2 samples must be taken for an analysis over a 6 month time period, and 4 samples for an entire year.

Parameter	Concentration ng/mL
COC	0.1
AMP	0.1
MOR/OPI	0.1
BZD	0.05
THC	0.02
EtG	>7

Laboratory Urine Analysis

Do you have a dubious test result? In such cases, it can be useful to reanalyse the sample with an immunological test, or use other methods such as GC-MS to identify and quantify analytes.

Parameter	Concentration ng/mL
AMP	50
BZD	50
COC	30
THC	10
EtG	30
MTD+EDDP	50
MOR/OPI	25

Laboratory Saliva Analysis

Saliva analysis is an alternative or additional method of forensic drug testing, and is becoming increasingly popular. It remains the most simple and least invasive method of sample collection, therefore making it easier to supervise. The detection of substances in saliva is possible for up to 3 days. When exceeding the following concentrations (see adjacent table), saliva samples will yield a positive result.

Parameter	Concentration ng/mL
AMP	50
BZD	10
COC	20
THC	4
MTD	50
MOR/OPI	40

Laboratory Analysis: Order information

Order information for hair analysis

Product code*	Product
641101	EVIDENS Polytox (AMP, BZD, THC, COC, MTD, MOR/OPI)
641102	EVIDENS EtG
641103	EVIDENS Polytox +EtG (EtG, AMP, BZD, THC, COC, MTD, MOR/OPI)
641001	FORENSIS AMP
641002	FORENSIS COC
641003	FORENSIS THC
641004	FORENSIS MOR/OPI
641005	FORENSIS BZD
641006	FORENSIS MTD+EDDP
641011	FORENSIS GHB
641013	FORENSIS Spice

Order information for urine analysis

Product code*	Product
642101	EVIDENS Alcohol 4
642102	EVIDENS Alcohol 6
642103	EVIDENS Drugs 4 (AMP, BZD, THC, COC MTD, MOR/OPI 4)
642104	EVIDENS Drugs 6 (AMP, BZD, THC, COC MTD, MOR/OPI 6)
642001 - 642017	FORENSIS AMP, BAR, BUP, BZD, COC, EtG, GHB, HRN/6-MAM, KET, MTD, MOR/OPI, PCP, TIL, TML, TCA, THC
642024	Spice

Order information for saliva analysis

Product code*	Product
643000	Drug screening in saliva (AMP, BZD, COC MET, MOR/OPI, THC)

*1 test per pack..





Drug detection in substances and residues

Police, customs officials and prison staff, as well as treatment and addiction centres are playing a game of cat and mouse against the black drug market on a daily basis. To keep the upper hand, authorities and social workers need to know which drug they are dealing with – and furthermore if a particular substance really is illegal in the first place. For this reason, we offer both nal von minden substance tests and the Tracedetect range for the highly specific and sensitive detection of substances. Both test methods are safe and easy to use and offer fast and reliable results. Our substance tests are based on chemical detection methods and are able to pick up intoxicants in unknown substances such as powder, tablets and fluid. Our Tracedetect tests are based on an immunological detection method (the lock-key principle) and enable the specific detection of each substance with especially high sensitivity. In the field of forensics they can aid in the detection of barely visible trace substances on steering wheels, door handles, tabletops and other surfaces.

ESA Substance Tests

For the identification of substances by colour changes

Police and customs officials often come across suspicious substances, the composition of which is unknown. Our substance tests can examine and identify powder, tablets and liquids by chemical test principle. These handy, one-step tests deliver quick and simple reliable results in just a few seconds.

ESA Test GmbH has long been known for its ampoule tests, which enable the detection and identification of drugs. Made in Germany to the highest quality standards, we deliver consistent and reliable products and services.

Advantages

- ✓ Chemical test principle
- ✓ Easy and safe single-step assay
- ✓ Fast results in just one minute
- ✓ Clear colour indication for easy interpretation
- ✓ Broad range of substances detectable

Show your
colours
Innovation. Safety. Reliability.



Product code	Product
Ampoule Tests (10 ampoules)	
311220	ESA Buprenorphine substance tests
311130	ESA Cannabis substance tests
311132FU	ESA CBD substance tests
311110	ESA Cocaine substance tests
311140	ESA Ecstasy/Methamphetamine substance tests
311240	ESA Ephedrine substance tests
311250	ESA GHB/GBL substance tests
311331	ESA General Screening substance tests
311150	ESA GHB substance tests
311170	ESA Heroin substance tests
311180	ESA Ketamine/Methadone substance tests
311120	ESA LSD substance tests
311210	ESA Morphines/Heroin substance tests
311100	ESA Opiates/Amphetamines substance tests
311470	ESA Synthetic Cathinones substance tests
311131	ESA THC/CBD substance tests
Substance Wipe (10 wipes)	
311270	ESA Cocaine Sweep

Tracedetect Substance tests

For the highly-sensitive detection of substance traces

In the case of a drug offence, it can often be useful to investigate the surrounding environment as well as the suspected person. The detection of substances on various surfaces can be a useful tool in aiding investigations. Chemical substance tests require visible amounts of the suspicious substance and allow only a very limited classification of their identity. The nal von minden Drug-Screen® Tracedetect tests, on the other hand, are based

on the immunological detection method, thus following the lock-key principle. Compared to conventional ampoule tests, the nal von minden Drug-Screen® Tracedetect tests facilitate the particularly sensitive detection of drugs of abuse with high accuracy. They can even detect residues on surfaces, including non-visible traces.

Advantages

- ✓ Ability to confirm ESA test results
- ✓ Exceptionally high sensitivity, including the possible detection of invisible drug traces
- ✓ Sophisticated pocket-sized format
- ✓ Safe and simple to use
- ✓ Supplied with sample collectors for all sample collection methods and incubation bag for harsh weather conditions
- ✓ Fast and reliable results in just 1 minute



Product Code	Product
144352N-10	Tracedetect Multi 5TAK substance test: Detectable parameters: AMP, COC, MET, MOR, THC
144254N-10	Tracedetect Multi 5TAC substance test Detectable parameters: AMP, COC, MDMA, MET, MOR/OPI
144243N-10	Tracedetect Multi 4TD substance test Detectable parameters: ABP, SPC, THC, UR-144

*10 tests per pack. 25 test pack also available upon request.



ESA-TEST

presents **LeadiX**



The world's first quantitative rapid tests for LSD, ecstasy and magic mushrooms

The problem:

Until now, there was no way to determine the active ingredient content of various psychoactive substances other than laboratory testing. Thanks to the innovative spirit of our cooperation partner LeadiX, a start-up from Jena in Germany, this is now possible.

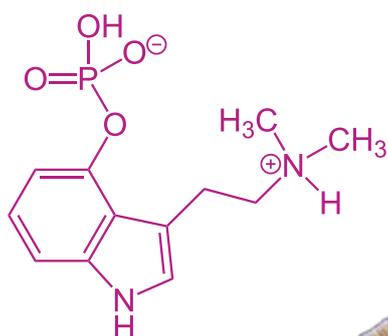
The solution:

LeadiX has developed the world's first quantitative tests for LSD, ecstasy and magic mushrooms. With the help of 3 sophisticated, portable rapid test kits, the active ingredient contents of these 3 substances can now be determined without involving a laboratory.

Your advantages:

- ✓ Accurate results in 10 to 30 minutes
- ✓ Simple visual evaluation via colour matching, innovative app or spectrophotometer
- ✓ Suitable for natural and artificially produced sample material

Product code	Product
311510	ESA Quant MDMA+ substance test
311520	ESA Quant Psilocybin substance test
311530	ESA Quant LSD substance test





Alcohol tests

Alcohol is the most ubiquitous drug there is, and therefore one of the most dangerous. We can often ingest alcohol unknowingly by eating certain sweets, using cosmetic products or even taking medicine. With the nal von minden Drug-Screen® Alcohol-Screen rapid tests you can detect alcohol in saliva and urine simply and safely. Blood alcohol content can be estimated through saliva due to a strong correlation between saliva and alcohol concentrations in blood. Alcohol in urine is an indirect measurement for the assessment of blood alcohol content. Nevertheless, the most popular way to test for alcohol is via breath. Whatever test format best suits your needs – as the following pages show – you have a variety of high-quality products to choose from.

EtG rapid test: Urine

Description	Cut-off	Product code	Pack size
EtG individual test strips	500 ng/mL	101062	50
EtG individual test cassettes	500 ng/mL	102062	30
EtG + ALC test cassettes	EtG 500 ng/mL, ALC 0.2 ‰	102060	30

Alcohol rapid test: Saliva or urine

Description	Cut-off	Product code	Pack size
Saliva test	0.2 ‰	360006	50
Urine test	0.2 ‰	101036	50

Alcohol-Screen breath test*

Description	Product code	Pack size
Breath test (balloon) 0.2 ‰	360010	25

Production of the breathalyser Dräger 3000 has been discontinued. However, if you still need accessories, please contact your sales team.

Dräger Alcotest® 7000

The Dräger Alcotest® 7000 sets new standards among alcohol pre-testing devices. Its advantages are the extended temperature and measuring range, low maintenance and various networking options. In addition, the breathalyser can perform both mouthpiece and funnel tests. Reliable alcohol tests have never been so fast, efficient and simple.

Description	Product code
Dräger Alcotest 7000 Alcohol testing device	360011

AlcoQuant 6020

This innovative alcohol breathalyser signals a new level of security. The electrochemical sensor only picks up alcohol specifically and, with short measuring intervals and waiting times, allows for several tests to be carried out consecutively. The AlcoQuant 6020 is approved by police services throughout the world.

Description	Product code
AlcoQuant 6020	360011
Calibration Service	300200

*More accessories and all prices on request



If you would like more information on alcohol rapid tests and testing equipment, don't hesitate to contact us: info@nal-vonminden.com or +49 941 29010-0



Quality management and service

It is our aim to establish ourselves as the most reliable business partner in the field. For this reason, excellent customer service and engagement are the cornerstones of our company philosophy. As your long-term business partner, we offer a comprehensive service from the first consultation through to product delivery and beyond. We will work together with you to find individual solutions. We don't just want to meet your needs, we want to inspire you too.

Quality assurance

Our quality management system has been EN ISO 13485 and ISO 9001 certified since 2003, and is reviewed by TÜV Rheinland on a yearly basis. Internal audits, an extensive process map and a corrective-and-preventative system help us to maintain the highest standards.

Proficiency testing

We take part in proficiency tests regularly and with great success. Our experience has been documented in a small information brochure, which is available on request.

Our range of services

Consultation

Our team, which includes highly trained medical product consultants, is always available. Competent and knowledgeable consultation is a cornerstone of our services - whether by phone, through our homepage or via a face-to-face meeting with one of our field consultants.

Delivery

Rapid tests

Orders received before 2pm CET will be delivered within 2-3 working days (unless otherwise advised by your sales consultant).

Laboratory reagents

In-stock goods require a delivery time of 2-3 days. For laboratory tests that are not in stock, the delivery time is 5-10 days.

Enquiries and Orders

Ordering through our online shop

Tests can also easily be ordered through our webpage. Simply place your required tests in the basket and send an enquiry along with your contact details. You will then be sent an email with your username and password for your next visit to our online shop.

Ordering by phone or fax:

Our team are available for you on the following numbers:
Tel: +49 941 290 10-0
Fax: +49 941 290 10-50

Ordering by email:

To order by email, please contact us on:
info@nal-vonminden.com

Benefits of registering

Signing up to our online shop gives you the opportunity to save your previously bought products as a basis for future orders. Following your first order we would be happy to activate your account. This allows you to send us your product list for a quote or order using your previous prices.

Guarantee

Quality and service

Our quality management system is certified according to DIN EN ISO 9001 and DIN EN ISO 13485. We can therefore always guarantee 100% service and that work will be undertaken at the highest level of professionalism.



External Quality Management

LABQUALITY



INSTAND



Data Protection

Your personal data will not be passed on to any third parties, but is kept solely for internal use by nal von minden.

General terms and conditions

Terms and conditions can be found on our homepage www.nal-vonminden.com



Germany

Moers (Headquarters)

Carl-Zeiss-Strasse 12, 47445 Moers
Tel.:+49 2841 99 820-0
Fax:+49 2841 99 820-1

Regensburg (Headquarters)

Friedenstrasse 32, 93053 Regensburg
Tel.:+49 941 290 10-0
Fax:+49 941 290 10-50

Rosdorf

Raseweg 4, 37124 Rosdorf
Tel.:+49 551 270 706-0
Fax:+49 551 270 706-50

Belgique / België

Français:

Numéro gratuit:0800 718 82
Fax gratuit:0800 747 07
dept.ventes@nal-vonminden.com

www.nal-vonminden.fr

Nederlands:

Gratis Tel:0800 780 85
Fax:+31 70 3030 775
verkoop.dept@nal-vonminden.nl

www.nal-vonminden.nl

Česká republika

Bezplatný tel.:800 143 685
Bezplatný fax:800 143 686
czech@nal-vonminden.com

www.nal-vonminden.cz

Danmark

Gratis nummer:808 887 53
Fax:+31 7030 30775
denmark@nal-vonminden.com

www.nal-vonminden.dk

Deutschland

Gratis-Tel.:0800 589 2022
Gratis-Fax:0800 589 2023
vertrieb@nal-vonminden.de

www.nal-vonminden.de

España

Tel. gratuito:900 938 315
Tel. directo:+49 941 290 10-759
ventas@nal-vonminden.es

www.nal-vonminden.es

France

Numéro vert:0800 915 240
Fax gratuit:0800 909 493
N° international: ..+49 941 290 10-739

Fax international: ..+49 941 290 10-50
dept.ventes@nal-vonminden.fr

www.nal-vonminden.fr

Ireland

Freephone:1800 555 008
Freefax:1800 555 080
sales-dept@nal-vonminden.com

www.nal-vonminden.com

Italia

Numero verde:800 789 129
Fax gratuito:800 789 130
vendite.dipt@nal-vonminden.com

www.nal-vonminden.it

Latinoamérica

Tel. directo:+49 941 290 10-761
ventas.latam@nvm-diagnostics.com

www.nal-vonminden.es

Luxembourg

Numéro gratuit:800 211 16
Fax gratuit:800 261 79
dept.ventes@nal-vonminden.com

www.nal-vonminden.fr

Nederland

Gratis Tel:0800 022 2890
Gratis Fax:0800 024 95 19
verkoop.dept@nal-vonminden.nl

www.nal-vonminden.nl

Norge

Free phone:800 16 731
norway@nal-vonminden.com

www.nal-vonminden.com/no

Österreich

Gratis Tel:0800 291 565
Gratis Fax:0800 298 197
vertrieb.abt@nal-vonminden.de

www.nal-vonminden.de

Polska

Bezplatny tel.:00800 4911595
Bezplatny fax:00800 4911594
sprzedaz.dept@nal-vonminden.pl

www.nal-vonminden.pl

Portugal

Tel. gratuito:800 849 230
Tel. direto:+49 941 290 10-735
vendas@nal-vonminden.pt

www.nal-vonminden.pt

Schweiz / Suisse / Svizzera

Deutsch:

Gratis-Tel.:0800 832 164
Gratis-Fax:0800 837 476
info@nal-vonminden.de

www.nal-vonminden.de

Français:

Numéro gratuit:0800 564 720
Fax gratuit:0800 837 476
dept.ventes@nal-vonminden.com

www.nal-vonminden.fr

Italiano:

Numero verde:0800 832 2146
Fax gratuito:0800 837 476
vendite.dipt@nal-vonminden.com

www.nal-vonminden.it

Suomi

Ilmainen Puh:0800 918 263
myynti@nal-vonminden.com

www.nal-vonminden.com/fi

Sverige

Gratis Tel.:020 790 906
sweden@nal-vonminden.com

www.nal-vonminden.se

United Kingdom

Freephone:0808 234 1237
Direct dial:+44 1580 23 22 88
sales-dept@nal-vonminden.co.uk

www.nal-vonminden.com

