

new art laboratories



Microcuvette offers 2 openings for sample application

NADAL[®] Hb/Hct plus Analyser

Simple determination of Hb- and Hct levels in your practice

- Rapid Tests
- Laboratory Diagnostics
- Laboratory Services
- Consultation & Service



We are here for you!

nal von minden

Your partner in professional instant diagnostics

Competent and innovative

Since 1982, nal von minden GmbH has offered product quality of the highest standard, a comprehensive product portfolio and excellent customer service in the field of medical diagnostics and drug analytics. This wealth of experience, as well as direct contact with you, enables us to expand and refine our product portfolio to meet your requirements. It is our goal to support you in your daily work. For this reason, we place great emphasis on individual consultations, as well as high-quality and user-friendly products. ISO certification and quality management in accordance with ISO 9001 and 13485 is further testament to our philosophy on quality.

The nal von minden all-round service

Whether your enquiry relates to systems or offers, our product specialists are on hand to help. Your satisfaction is always our focus. We offer an all-round service package with comprehensive advice, a streamlined ordering process and fast delivery at

attractive prices. We would also be happy to pay you a visit in your practice for a more detailed consultation. We would like to make your implementation of point-of-care diabetes management as easy as possible for you, allowing you to reap the full benefits of on-site testing.

Do you have questions regarding the use of point-of-care devices in your practice? Should you have any queries, we are on hand to support you with help and advice.

As your long-term partner, we don't just want to satisfy you - we want to inspire you!

Your nal von minden team

Point-of-care Hb- and Hct Analysis

Determine Hb levels directly in your practice!

Haemoglobin level (Hb)

Elevated haemoglobin levels indicate a decrease in the volume of liquid blood, or diseases in which too many red blood cells are formed in the bone marrow (myeloproliferative diseases). Conversely, low haemoglobin levels indicate a lack of red blood cells and thus anaemia. Sometimes, low Hb values can also mean that the red blood cells contain too little haemoglobin, or that the liquid part of the blood is excessive due to overhydration in the event of kidney diseases, for example. Whatever the cause, it is essential for a diagnosis to determine the number of red blood cells in the blood - Hb levels are to be used for this purpose. The **NADAL® Hb/Hct plus Analyser** determines haemoglobin levels simply and reliably, and can also measure the blood's capacity to transport oxygen. The analyser also automatically displays haematocrit values.

The advantages of rapid, point-of-care diagnostics

Conventional laboratory diagnostics - along with their drawn-out processes and waiting times - are increasingly being replaced with diagnostics which utilise point-of-care solutions, which enable the evaluation of test results on-site, in laboratory quality and in the presence of the patient. With the help of the **NADAL® Hb/Hct plus Analyser**, you can determine Hb levels instantly within your practice. In many cases, this will mean that decisions regarding treatment can be reached more quickly. You can ascertain the success of current treatment directly and make adjustments during the patient consultation if necessary. This saves both you and the patient time, which is not only more economical but also has potential benefits with regard to doctor-patient relationships and the quality of the treatment.



Source:

- 1) <https://www.leben-mit-transfusionen.de/eiseneberladung/diagnostik/haemoglobin-was-der-blutwert-aussagt>
- 2) <https://www.aerzteblatt.de/archiv/77949/Patientennahe-Labordiagnostik-in-Klinik-und-Praxis>



Blood analysis in laboratory quality

The NADAL[®] Hb/Hct plus Analyser - Simple, fast, portable and reliable

With the help of the **NADAL[®] Hb/Hct plus Analysers** you can carry out your daily work more efficiently, reducing the demand on time and staffing. Your patients will benefit from the quicker commencement of treatment, and you will save time by bypassing the wait for lab results, allowing you to avoid time-consuming telephone calls and follow-up consultations with the patient.

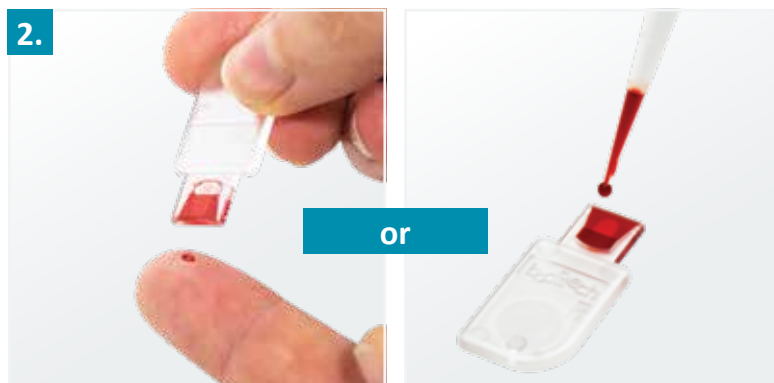
Fast and simple ✓

- Clear operating instructions on colour display screen
- Blood sample collection via fingerstick possible
- Only 15 µl blood required
- Evaluation within 3 seconds
- Results in just 4 steps
- Pipetting into cuvettes possible
- Data export via USB

Instructions for using the device Test procedure requiring just a few steps:



Open the microcuvette holder manually.



Collect a fingerstick blood sample, or pipette blood onto the microcuvette.



Place the microcuvette with the sample into the holder and close it fully. The test will begin automatically.



The haemoglobin (Hb) and haematocrit (Hct) levels will be displayed within 3 seconds.

Portable ✓

- Battery operated, allowing flexible implementation
- Small, practical and weighs only 215 g

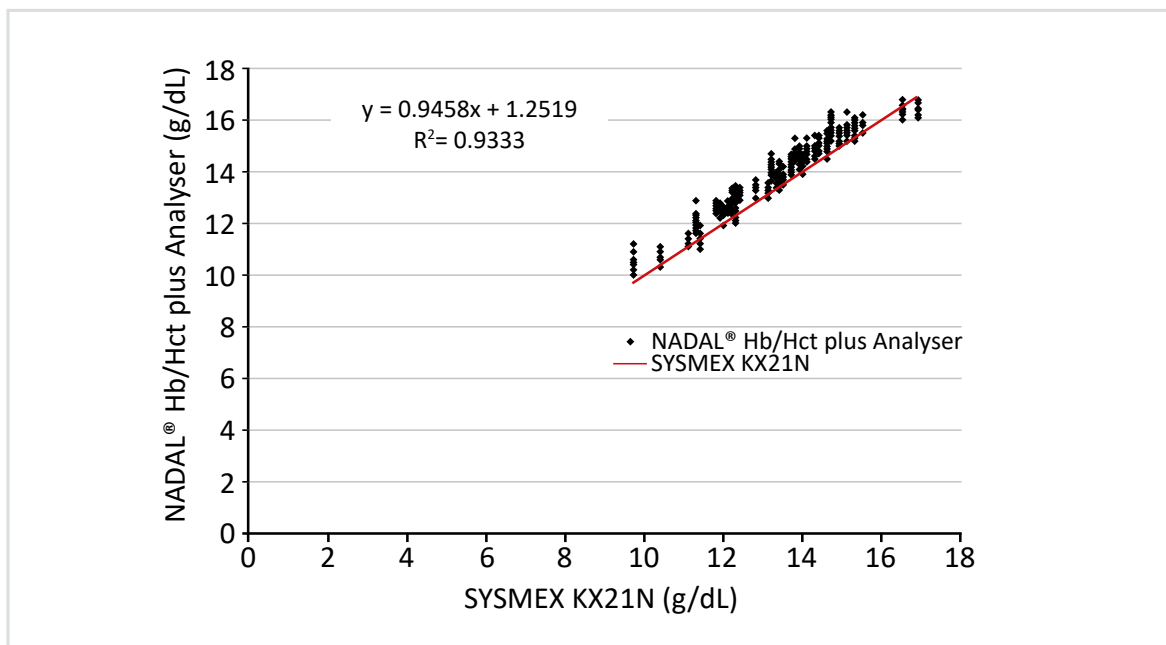


Reliable ✓

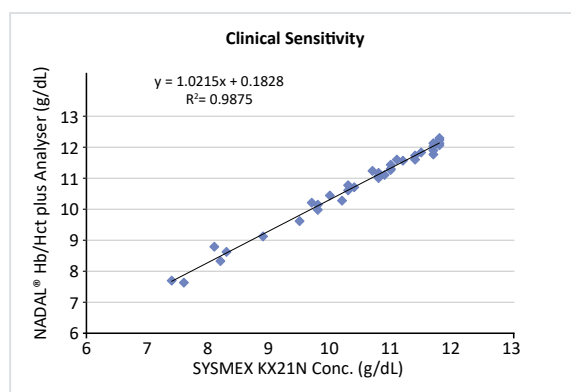
- Microcuvette shelf life of up to 24 months
- No need for costly laboratory blood tests
- Laboratory quality without the waiting times: $R^2 = 0.9875$
- CE-certified

Method comparison

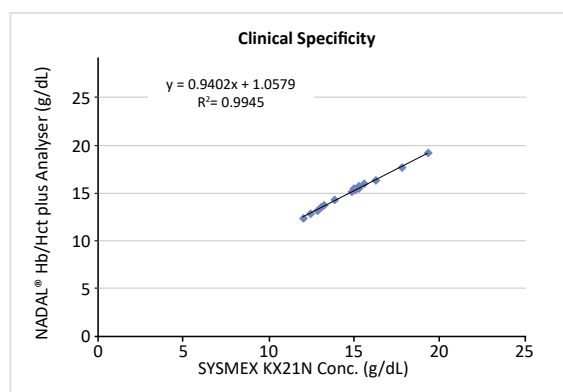
Comparison of the NADAL[®] Hb/Hct plus Analyser with Sysmex KX21N



The NADAL[®] Hb/Hct plus Analyser demonstrates good correlation with the Sysmex KX21, with a correlation coefficient of 0.9333.



As the results show, all tested samples were almost consistent with the expected haemoglobin concentration. The clinical sensitivity of the NADAL[®] Hb/Hct plus Analyser is 95%. The correlation coefficient (R^2) is 0.9875.



As the results show, all tested samples were almost consistent with the expected haemoglobin concentration. The clinical specificity of the NADAL[®] Hb/Hct plus Analyser is >99.99%. The correlation coefficient (R^2) is 0.9945.





A little more about the NADAL[®] Hb/Hct plus Analyser

Everything you need to know - in a nutshell

We also offer useful accessories for the NADAL[®] Hb/Hct plus Analyser to make your everyday work easier. For example, the thermal printer quickly and easily prints out results obtained using the NADAL[®] Hb/Hct plus Analyser. Further information on this device, as well as its accessories, can be found in the following overview.

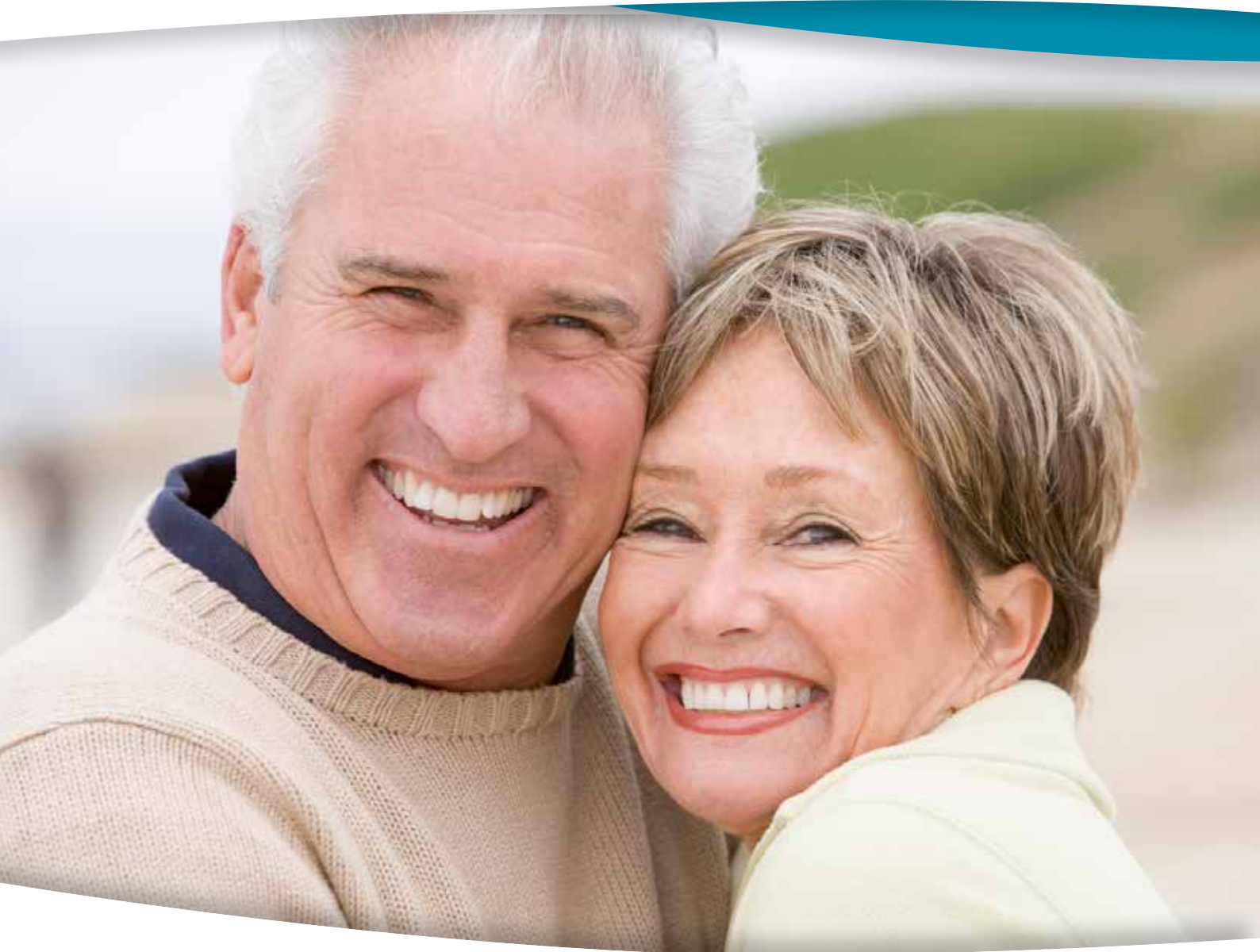
Product overview

NADAL® Hb/Hct plus Analyser	
 <p>Analyser Content: 1 measurement device, 4 batteries, 1 user manual</p>	<p>Product code 1320100</p>
NADAL® Hb/Hct Thermoprinter	
 <p>Thermal printer for use with the Hb/Hct plus Analyser</p>	<p>Product code 980120</p>
NADAL® Hb/Hct plus Microcuvettes	
<p>200 microcuvettes, 1 code chip, 1 user manual</p>	<p>Product code 1320101</p>
NADAL® Hb/Hct plus Controls	
<p>3 bottles per pack: 1x Control Level I (1.0 mL), 1x Control Level II (1.0 mL), 1x Control Level III (1.0 mL)</p>	<p>Product code 1320103</p>
NADAL® Hb/Hct plus Calibrator	
<p>1 calibrator, 1 RFID chip, 1 user manual</p>	<p>Product code 1320104</p>
NADAL® Hb/Hct plus USB data cable	
<p>Cable for data export via USB as well as powering the device</p>	<p>Product code 1320105</p>

Technical specifications

NADAL® Hb/Hct plus Analyser	
Measurement range	0-27 g/dL
Test time (processing time)	3 seconds
Sample volume	15 µL
Sample volume	Capillary blood, venous blood or arterial blood
Dimensions	106.5 x 151.0 x 38.5 mm (W x L x H)
Weight	(without battery) 215 ± 3 g
Power source	Battery operated (4 x AA batteries)
Readout	Built-in display screen, printer (optional)
Temperature	15-35 °C
Humidity	max. 75 %





Reactif Touch urine analyser

The right device for every need

The Reactif Touch urine analysers are semi-automatic, semi-quantitative reflection photometers which analyse and interpret the colour intensity of urine strip reaction fields for you. The clear touch screen is easy to use and can be used to streamline your work, and a short briefing is all

that's needed to get started using it. The analyser saves results automatically and creates a result report for tests carried out. The data can subsequently be easily transferred onto a computer.

Benefits at a glance

- ✓ Analysis of 15 different test strips with 1 - 14 different parameters
- ✓ Test modes: Routine, STAT und QC
- ✓ Large, clear touch display screen
- ✓ Automatic calibration
- ✓ Easy to clean
- ✓ Internal printer for up to 3 copies per Test (optional: label printer for fast and simple evaluation management)
- ✓ Languages: multiple
- ✓ Storage: 2000 results (automatic)
- ✓ Simply data transfer and connection to LIS or an external computer
- ✓ Barcode reader (optional)



Large, clear touch display screen



Removable and easy-to-clean test strip holder



Product Overview

Product	Product code	Pack size
Reactif Touch urine analyser		
Reactif Touch urine analyser	41300	1 device
Reactif Touch urine analyser incl. barcode scanner	41301	1 device

Urinalysis strips

Product	Parameter														Tests/ tube	Product code	Automated analysis	
Reactif 10SL		Bi	Bl				G	K	L		N	pH	P	S	U	100	41101-L	✓
Reactif 11M	A	Bi	Bl				G	K	L		N	pH	P	S	U	100	41110-L	✓
																25	41110-S	
Reactif 14	A	Bi	Bl	Ca	C	G	K	L	Ma	N	pH	P	S	U	50	41140-M	✓	

A = Ascorbic acid · Bi = Bilirubin · Bl = Blood · Ca = Calcium · C = Creatinine · G = Glucose · K = Ketones · L = Leukocytes · MA = Microalbumin · N = Nitrite · pH = pH level · P = Protein · S = Specific gravity · U = Urobilinogen

Contact



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Do you have questions relating to measuring haemoglobin levels with the NADAL® Hb/Hct plus Analyser? Are you interested in point-of-care Hb determination or any of our other products? Should you have any queries, we are on hand to support you with help and advice.

As your long-term partner, we don't just want to satisfy you - we want to inspire you!

For detailed informational material, please don't hesitate to contact us by telephone on **+49 0941 - 29010 0** or by email at **info@nal-vonminden.com**. We look forward to hearing from you.

Your nal von minden team.



info@nal-vonminden.com



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We help you care!

Schnelltests

Labordiagnostik

Laborservice

Beratung & Service