

new art laboratories



Brochure  
2014/15

# NADAL<sup>®</sup> Rapid Medical Tests

Immunological Rapid Tests for Point-of-Care  
& Laboratory Diagnostics

Drug Rapid Tests

Medical Rapid Tests

Laboratory Diagnostics

Consulting & Service

# nal von minden

## Your Partner in Professional Diagnostics

### Competent and innovative

For over 30 years, high product quality and excellent service have remained the main characteristics of our enterprise. Our **innovative product range** includes rapid and laboratory tests for drug analytics and medical diagnostics and is continuously improving and expanding.

Our products are manufactured and improved according to the **highest quality standards**, having achieved the highest performance standards on the market over the past few years. To emphasize our commitment to quality, we are certified according to ISO 13485.

Our in-house laboratory, located in our Regensburg office, is equipped for comprehensive support of single test results and individual consulting in assaying and result interpretation.

### The nal von minden all-round service

Our international teams, located in **Regensburg, Moers and Den Haag**, serve customers from all across Europe and strive to consistently improve the customer service of nal von minden GmbH.

We offer an **all-round service** which includes comprehensive and individual consulting, an easy order process and fast delivery.

On request, we are happy to arrange a visit and provide you with on-site consultation and product presentations.

**We will use our abilities, knowledge and experience to work with you**, our customer, to continually improve the service we provide.

**As your long-term partner we want to be the best – to not only satisfy you, but inspire you.**



The Management Team of nal von minden (f.l.t.r.):  
Sandra von Minden, Roland Meißner and Thomas Zander

Regensburg,  
Germany



Your partner in professional diagnostics

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All tests contained in this catalogue have received CE marking and meet all requirements of the 98/79/EC Directive – in conjunction with other indicated certifications that have been deemed necessary.

# nal von minden

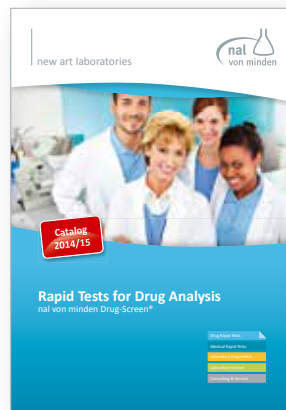
## Brochure Overview

MEDICAL

DRUG



**NADAL®**



**nal von minden  
Drug-Screen®**



**Laboratory Analysis**



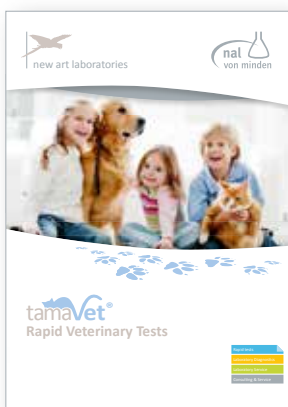
**Medical ELISA**



**Drug EIA**



**Drug ELISA**

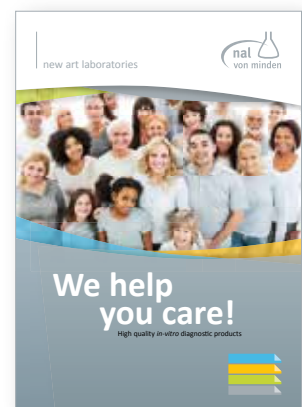


**TamaVet®**

*In addition to our brochures,  
comprehensive **product-flyers** are  
available.*

**Our brochures are available in the  
following 12 languages:**

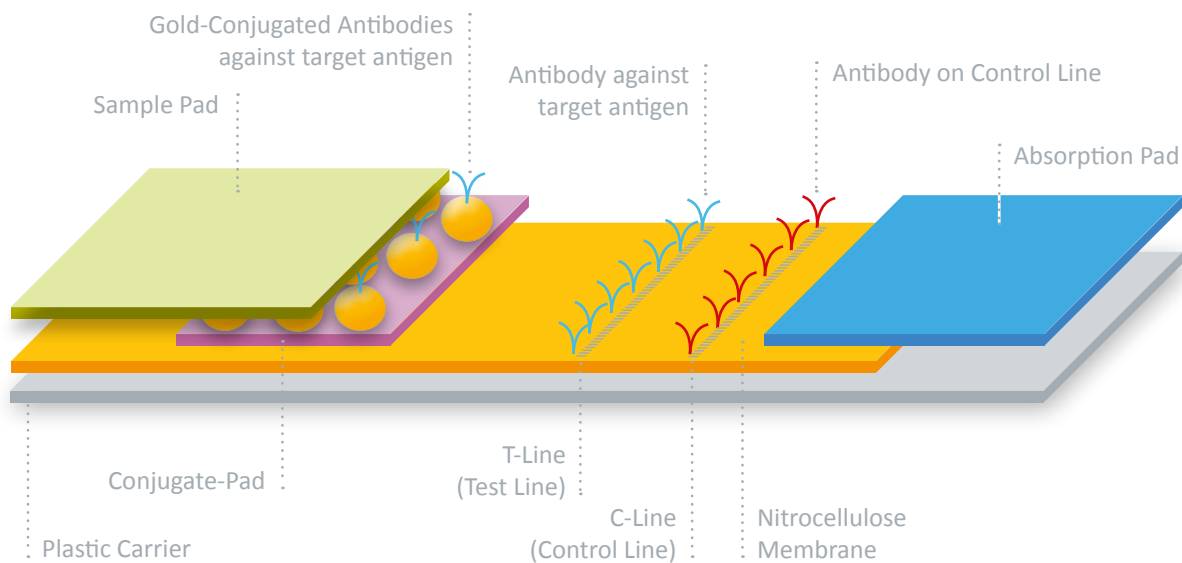
German, English, French, Spanish,  
Italian, Polish, Dutch, Czech, Finnish,  
Portuguese, Swedish and Danish.



**Company Profile**

# Test Principle

## Test Strip Structure



The principle of the NADAL® rapid tests is based on an antigen/antibody binding. The patient sample collects on the sample pad and moves along the test strip by capillary action.

In the case of a positive sample, antigens are recognised and bound by gold-conjugated antibodies. This antigen/antibody gold particle complex then reaches the testing region where antibodies against the same antigen are immobilised and for that reason can bind the complex. Gold particles accumulate on the T-line and create a red line indicating a positive result.

If no antigens are present in the sample, the free gold-conjugated antibodies move across the test line without binding to it. Whether positive or negative, gold conjugates reach the control region, where they are bound to the membrane by antibodies. Therefore, gold particles always accumulate on the C-line causing a red control line to become visible. Depending on the issue, the positioning of antibodies and antigens on the test strip can vary, though the principle itself will remain the same at all times.

*Dr. rer. nat. Torsten Winkler*  
*Chief Product Manager - Laboratory Diagnostics*  
*nal von minden GmbH*





## Infectology / Paediatrics / Autoimmune

Infectology belongs to the interdisciplinary sciences. Key topics include the investigation and treatment of viral, bacterial, and protozoal infections within humans. In the field of infectology, a fast and clear diagnosis is crucial to minimising the risk of infection and providing effective treatment.

Diagnostic tools are especially important within the field of paediatrics as children are often unable to accurately describe symptoms. In many cases, more serious diseases can be excluded through diagnostic tools, so that the patient can be provided with the optimal treatment.



### NADAL® Strep A Rapid Test

Instant diagnosis of Scarlet Fever/ Strep A

**Sample:** Throat swab  
**Test time:** 5 minutes  
**Sensitivity:** 97.6% in comparison to blood agar-culture  
**Specificity:** 97.5% in comparison to blood agar-culture

Available as test strip or test cassette.

### *Streptococcus A (Strep A)*

Rapid tests for detection of antigen of group A *Streptococci*

Product	Sample	Product Code	Test / Pack
NADAL® Strep A Test Strip	Throat Swab	221001A	40 Tests
NADAL® Strep A Test Cassette	Throat Swab	222001A	20 Tests

### **Astrovirus**

Rapid test for the detection of Astrovirus antigen (Enterogastritis)

Product	Sample	Product Code	Test / Pack
NADAL® Astrovirus Test Cassette	Faeces	850003	10 Tests
NADAL® Astrovirus Positive Control	-	850002	1 Test

### **Bence-Jones-Protein**

Rapid test for the detection of Bence-Jones-Protein

Product	Sample	Product Code	Test / Pack
NADAL® Bence-Jones-Protein Test Strip	Urine	860001	20 Tests

### **Campylobacter**

Rapid test for the detection of Campylobacteriosis

Product	Sample	Product Code	Test / Pack
NADAL® Campylobacter Test Cassette	Faeces	1232001	10 Tests
NADAL® Campylobacter Positive Control	-	1232002	1 Test

### **Celiacs Disease**

Rapid tests for the detection of Celiacs disease (wheat intolerance)

Product	Sample	Product Code	Test / Pack
NADAL® Celiac Disease tTG Test Cassette	Whole blood, Serum, Plasma	790001	10 Tests
NADAL® Celiac Disease tTG & Gliadin Test Cassette	Whole blood, Serum, Plasma	790002	10 Tests

### **CrP (C reactive Protein)**

Rapid tests for the detection of CrP

Product	Sample	Product Code	Test / Pack
NADAL® CrP Test Strip	Whole blood, Serum, Plasma	311003	20 Tests
NADAL® CrP Test Cassette	Whole blood, Serum, Plasma	312001	20 Tests

### **Enterovirus**

Rapid test for the detection of Enterovirus-antigens

Product	Sample	Product Code	Test / Pack
NADAL® Enterovirus Test Cassette	Faeces	1222001	10 Tests
NADAL® Enterovirus Positive Control	-	1222002	1 Test

## Hepatitis A, B & C

Rapid tests for the detection of Hepatitis A, B & C

Product	Sample	Product Code	Test / Pack
NADAL® HAV Hepatitis A IgM Test Cassette	Serum, Plasma	622000	30 Tests
INFO Anti-HBs Hepatitis B Test Cassette	Whole blood, Serum, Plasma	622008	25 Tests
INFO HBsAg Hepatitis B Test Cassette	Whole blood, Serum, Plasma	622009	25 Tests
INFO HCV Hepatitis C Test Cassette	Whole blood, Serum, Plasma	622012	25 Tests
HCV Hepatitis C Test Cassette	Serum, Plasma	622061	25 Tests
HBsAg Hepatitis B Surface Antigen Test Cassette	Serum, Plasma	622062	25 Tests
NADAL® HEV Hepatitis E IgM Test Cassette	Serum, Plasma	622040	30 Tests

## HIV (AIDS)

Rapid tests for the detection of HIV 1/2/0 antibodies

Product	Sample	Product Code	Test / Pack
INFO HIV 1/2/0 Test Cassette	Whole blood, Serum, Plasma	452007	25 Tests
HIV1 HIV 2 Test Cassette (not certified)	Serum, Plasma	452021	25 Tests
HIV 1.2.0 Test Cassette	Whole blood, Serum, Plasma	452020	25 Tests

## Immunoglobulin (IgG)

Rapid test for the detection of immunoglobulin G (IgG) in urine (early renal failure)

Product	Sample	Product Code	Test / Pack
NADAL® IgG Urin Test Test Cassette	Urine	2200001	30 Tests



### NADAL® Influenza A + B Rapid Test

Instant diagnosis of viral Influenza A (in particular H1N1 and H5N1) and B

**Sample:** Swab (Nasal, Throat, Nasopharyngeal) or NPS (rinsing fluid)

**Test Time:** 10-15 Minutes

**Sensitivity:** 91.8% compared to cultures or RT-PCR (subtypes A H3, A H5 and subtype B)

**Specificity:** 98.9% compared to cultures or RT-PCR (subtypes A H3, A H5 and subtype B)

Available as test strip.



### **Influenza A & B**

Rapid tests for the antigen detection of viral Influenza A & B

Product	Sample	Product Code	Test / Pack
NADAL® Influenza A+B Test Strip	Swab (Nasal, Throat, Nasopharyngeal) or NPS	241011 241005 241006	5 Tests 10 Tests 25 Tests
NADAL® Influenza A+B Test Cassette	Nasal Swab	242001	10 Tests

### **Listeria**

Rapid test for the detection of Listeria monocytogenes

Product	Sample	Product Code	Test / Pack
NADAL® Listeria Test Cassette	Faeces	1252001	10 Tests
NADAL® Listeria Positive Control	-	1252002	1 Test

### **Mononucleosis (EBV)**

Rapid tests for the detection of antibodies against Epstein-Barr-Virus (EBV)

Product	Sample	Product Code	Test / Pack
NADAL® Mononucleosis Test Cassette	Whole blood, Serum, Plasma	252011 252001	5 Tests 20 Tests

### **Norovirus**

Rapid test for the antigen detection of Norovirus

Product	Sample	Product Code	Test / Pack
NADAL® Norovirus I+II Test Cassette	Faeces	920002	10 Tests
Norovirus Genotype I Positive Control	-	920003	1 Test
Norovirus Genotype II Positive Control	-	920004	1 Test

### **Rheumatoid Factor**

Rapid test for the detection of Rheumatoid Factor (RF)

Product	Sample	Product Code	Test / Pack
NADAL® Rheumatoid Factor Test Cassette	Whole blood, Serum, Plasma	600002	30 Tests

### **Rota-Adenovirus**

Rapid tests for the antigen detection of Rota-Adenovirus

Product	Sample	Product Code	Test / Pack
NADAL® Rota-Adenovirus Test Cassette	Faeces	481015	10 Tests
NADAL® Adenovirus Test Cassette	Faeces	481016	10 Tests
NADAL® Rotavirus Test Cassette	Faeces	481017	10 Tests

### **RSV (Respiratory Syncytial-Virus)-Adenovirus**

Rapid tests for the detection of RSV antigens e.g. Adenovirus

Product	Sample	Product Code	Test / Pack
NADAL® RSV-Adeno Respiratory Test Test Cassette	Nasal swab	491009	20 Tests

### **RSV (Respiratory Syncytial-Virus)**

Rapid tests for the detection of RSV antigens (Respiratory Syncytial-Virus)

Product	Sample	Product Code	Test / Pack
NADAL® RSV Plus Test Strip	Nasal swab , N. secretion, NPS, Culture Supernatant	491000	10 Tests
NADAL® RSV Test Strip	Nasopharyngeal aspirates	491003	25 Tests
NADAL® RSV Test Cassette	Nasal swab , N. secretion, NPS	491005	20 Tests

### **Salmonella**

Rapid test for the detection of Salmonella

Product	Sample	Product Code	Test / Pack
NADAL® Salmonella Test Cassette	Faeces	1242001	10 Tests
NADAL® Salmonella Positive Control	-	1242003	1 Test

### **Salmonella Typhi**

Rapid test for the detection of Salmonella Typhi

Product	Sample	Product Code	Test / Pack
NADAL® Salmonella Typhi Test Cassette	Faeces	1242002	10 Tests

### **Shigella**

Rapid test for the detection of Shigella species

Product	Sample	Product Code	Test / Pack
NADAL® Shigella Test Cassette	Faeces	1262001	10 Tests
NADAL® Shigella Positive Control	-	1262003	1 Test

### ***Shigella Dysenteriae***

Rapid test for the detection of Shigella Dysenteriae Type 1

Product	Sample	Product Code	Test / Pack
NADAL® Shigella Dysenteriae Test Cassette	Faeces	1262002	10 Tests

### ***Tetanus***

Rapid test for the detection of antibodies for Tetanus

Product	Sample	Product Code	Test / Pack
NADAL® Tetanus Test Cassette	Whole blood, Serum, Plasma	542001	25 Tests

### ***Thyroid (TSH)***

Rapid tests for the detection Thyroid Stimulating Hormone (TSH)

Product	Sample	Product Code	Test / Pack
TSH Test Cassette	Whole blood, Serum, Plasma	580004	25 Tests

### ***Tuberculosis (TBC)***

Rapid test for the detection of Tuberculosis antibodies

Product	Sample	Product Code	Test / Pack
NADAL® Tuberculosis IgG/IgM Test Cassette	Whole blood, Serum, Plasma	322003	30 Tests



## Tropical Medicine & Parasitology

Tropical medicine is the medical field dealing with the control, prevention and epidemiology of diseases. These occur predominantly in tropical and subtropical climates across the world.

Medical parasitology deals with the prevention, diagnosis and treatment of parasitic diseases, ectoparasites, worm infections and infections caused by protozoa.



### NADAL® Malaria 4 Species Rapid Test

Instant diagnosis in case of a suspected infection with Malaria

**Sample:** Whole blood  
**Test time:** 15 Minutes  
**Sensitivity:** 99.7% at P. f. in comparison with microscopy of a thick blood film  
**Specificity:** 99.5% at P. f. in comparison with microscopy of a thick blood film

Detection of the Malaria species *Plasmodium falciparum*, *Plasmodium vivax*, *Plasmodium ovale* and *Plasmodium malariae* via HRP II and pLDH

### Malaria (Antigen Detection)

Rapid test for the detection of Malaria antigen (Histidine Rich Protein II (HRP II) and parasite Lactate Dehydrogenase (pLDH)

Product	Sample	Product Code	Test / Pack
NADAL® Malaria 4 species Test Cassette	Whole blood	472030	25 Tests
NADAL® Malaria 4 species Test Cassette	Whole blood	472032	10 Tests

### Malaria (Antibody Detection)

Rapid test for the detection of Malaria antibodies (IgG, IgM, IgA) against *Plasmodium falciparum* and *Plasmodium vivax*

Product	Sample	Product Code	Test / Pack
NADAL® Malaria Antibody Test Cassette	Whole blood, Serum, Plasma	472009	25 Tests

### CCA (Bilharzia, Schistosoma)

Rapid test for the detection of CCA antibodies (Circulating Cathodic Antigen)

Product	Sample	Product Code	Test / Pack
NADAL® CCA (Bilharzia) Test Cassette	Urine	612001	25 Tests

### Chagas

Rapid test for the detection of Chagas antibodies (anti-*Trypanosoma cruzi* IgG)

Product	Sample	Product Code	Test / Pack
NADAL® Chagas Test Cassette	Whole blood, Serum, Plasma	652001	30 Tests

### Chikungunya

Rapid test for the detection of Chikungunya antibodies (anti-CHIKA IgM)

Product	Sample	Product Code	Test / Pack
NADAL® Chikungunya Test Cassette	Whole blood, Serum, Plasma	682001	30 Tests

### Cholera

Rapid test for the detection of the Cholera antigens (*Vibrio cholera* 01 und 0139)

Product	Sample	Product Code	Test / Pack
NADAL® Cholera Tests Cassette	Faeces	1010002	20 Tests

### Cryptosporidium

Rapid tests for the antigen detection of Cryptosporidium Parvum

Product	Sample	Product Code	Test / Pack
NADAL® Cryptosporidium Test Cassette	Faeces	511006	10 Tests
NADAL® Giardia - Crypto Combo Test Cassette	Faeces	521010	10 Tests
NADAL® Cryptosporidium Positive Control	-	511005	1 Test
NADAL® Giardia Positive Control	-	521008	1 Test





### NADAL® Dengue Rapid Test

Instant diagnosis in case of a suspected infection with Dengue virus .

<b>Sample:</b>	Whole blood, Serum, Plasma
<b>Test time:</b>	15-20 Minutes
<b>Sensitivity:</b>	99.7% in comparison with Dengue IgM ELISA (First infection, IgM-Ab) 97.67% in comparison with Dengue IgG ELISA (First infection, IgG-Ab)
<b>Specificity:</b>	96.55% in comparison with Dengue IgM ELISA (First infection, IgM-Ab) 55.56% in comparison with Dengue IgG ELISA (First infection, IgG-Ab)

### Dengue

Rapid test for the antibody detection of Dengue (IgG- and IgM- Dengue antibodies, Serotypes 1, 2, 3 and 4)

Product	Sample	Product Code	Test / Pack
NADAL® Dengue Virus Test Cassette	Whole blood, Serum, Plasma	532004	25 Tests

Rapid test for the detection of Dengue antigen

Product	Sample	Product Code	Test / Pack
NADAL® Dengue Ag Test Cassette	Whole blood, Serum, Plasma	532002	25 Tests

Rapid test for the detection of Dengue antigen and simultaneously antibodies againsts Dengue Fever (IgG and IgM)

Product	Sample	Product Code	Test / Pack
NADAL® Dengue Ag + IgG/IgM Test Cassette	Whole blood, Serum, Plasma	532003	25 Tests

### Entamoeba

Rapid test for the detection of Entamoeba spp. antigen

Product	Sample	Product Code	Test / Pack
NADAL® Entamoeba Test Cassette	Faeces	2090001	10 Tests



### NADAL® Filariasis Rapid Test

Instant diagnosis in case of suspected Filariasis/ Filariasis (Elephantiasis)

<b>Sample:</b>	Whole blood, Serum, Plasma
<b>Test time:</b>	15 Minutes
<b>Sensitivity:</b>	IgM Test: 95.8% compared to the clinical status (acute lymphatic Filariasis) IgG Test: 92.3% compared to the clinical status (chronic Filariasis)
<b>Specificity:</b>	IgM Test: 100% compared to the clinical status (acute lymphatic Filariasis) IgG Test: 100% compared to the clinical status (chronic Filariasis)

## Filariasis

Rapid test for the detection of IgG and IgM anti-lymphatic Filariasis antibodies (*Wucheria Bancrofti* and *Brugia Malayi*)

Product	Sample	Product Code	Test / Pack
NADAL® Filariasis Test Cassette	Whole blood, Serum, Plasma	672001	30 Tests

## Giardia

Rapid tests for the detection of *Giardia Lamblia* cysts antigens

Product	Sample	Product Code	Test / Pack
NADAL® Giardia Test Cassette	Faeces	521009	10 Tests
NADAL® Giardia Crypto-Combo Test Cassette	Faeces	521010	10 Tests
NADAL® Giardia Positive Control	-	521008	1 Test
NADAL® Cryptosporidium Positive Control	-	511005	1 Test



## NADAL® Leishmania Rapid Test

Instant diagnosis in the case of suspected Leishmania.

**Sample:** Whole blood, serum, plasma  
**Test time:** 15 Minutes  
**Sensitivity:** IgM Test: 91.2%  
*L. donovani* IgM EIA  
 IgG Test: 92.9% in comparison with *L. donovani* IgG EIA  
**Specificity:** IgM Test: 99.5% in comparison with *L. donovani* IgM EIA  
 IgG Test: 99.0% in comparison with *L. donovani* IgG EIA

## Leishmania

Rapid test for antibody detection of Leishmania (IgG & IgM of *Leishmania donovani*)

Product	Sample	Product Code	Test / Pack
NADAL® Leishmania Test Cassette	Whole blood, Serum, Plasma	662001	30 Tests

## Leptospira

Rapid test for antibody detection of *Leptospira interrogans* (IgG & IgM of *Leptospira interrogans*)

Product	Sample	Product Code	Test / Pack
NADAL® Leptospira Test Cassette	Whole blood, Serum, Plasma	702001	30 Tests

## Typhoid Fever

Rapid test for antibody detection of Typhoid fever (IgG and IgM of *Salmonella Typhi*)

Product	Sample	Product Code	Test / Pack
NADAL® Typhoid Fever Test Cassette	Whole blood, Serum, Plasma	692001	30 Tests



## Gynaecology / STDs

Gynaecology deals with the health of the female reproductive system. For gynaecological diagnosis we offer a range of pregnancy and ovulation tests to serve and support family

planning. We also offer rapid tests for the detection of various infections and STDs such as chlamydia, syphilis and gonorrhea.



### NADAL® PROM Amniotic Fluid Rapid Test

Instant diagnosis in the case of a suspected increased risk for premature birth or rupture by detection of amniotic fluid (IGFBP-1) in vaginal secretion.

**Sample:** Vaginal Secretion  
**Test time:** 10 Minutes  
**Sensitivity:** > 99% compared to the rapid test of a competitor  
**Specificity:** 91% compared to the rapid test of a competitor

### **PROM (Premature Rupture of Membranes)**

Rapid test for the detection of amniotic fluid (IGFBP-1) in vaginal secretion.

Product	Sample	Product Code	Test / Pack
NADAL® PROM Test Strip	Vaginal Secretion	431001	20 Tests
		431000	10 Tests
		431003	3 Tests

## FSH

Rapid test for the detection of the follicle-stimulating hormone in urine

Product	Sample	Product Code	Test / Pack
NADAL® FSH Test Cassette	Urine	172001	10 Tests



## NADAL® hCG Pregnancy Rapid Test

Instant diagnosis for the determination of pregnancy

**Sample:** Urine, Serum

**Test time:** 3-5 Minutes (25 mIU/ml)  
5-10 Minutes (10 mIU/ml)

**Sensitivity:** > 99.9% compared to other rapid tests (urine and serum)

**Specificity:** > 99.9% compared to other rapid tests (urine and serum)

The NADAL® Early Pregnancy Test can detect a concentration of 10 mIU/mL (ca. 7-10 days after conception). The NADAL® Standard Pregnancy Test shows positive results starting at a concentration of 25 mIU/mL (ca. 10-14 days after conception).

## hCG (humanes Choriongonadotropin)

Rapid tests for the detection of hCG – pregnancy

Product	Sample	Product Code	Test / Pack
NADAL® hCG Early Test 10 mIU/ml Test Strip	Urine	141000 143003	50 Tests 25 Tests (Tube)
NADAL® hCG Early Test 10 mIU/ml Test Cassette	Urine	142000	30 Tests
NADAL® hCG Early Test 10 mIU/ml Test Cassette	Urine, Serum	152000	30 Tests
NADAL® hCG Early Test 10 mIU/ml Test Strip	Urine, Serum	151003	50 Tests
NADAL® hCG Pregnancy Test 25 mIU/ml Test Strip	Urine	141002 143004	50 Tests 25 Tests (Tube)
NADAL® hCG Pregnancy Test 25 mIU/ml Test Cassette	Urine	142002	30 Tests
NADAL® hCG Pregnancy Test 25 mIU/ml Test Strip	Urine, Serum	151002 153003	50 Tests 25 Tests (Tube)
NADAL® hCG Pregnancy Test 25 mIU/ml Test Cassette	Urine, Serum	152002	30 Tests
NADAL® hCG Pregnancy Test 20 mIU/ml Test Cassette	Whole blood, Serum	152003	30 Tests
NADAL® hCG Pregnancy Test 20 mIU/ml Midstream Stick	Urine	144001	10 Tests

### ***hLH (human Luteinizing Hormone)***

Rapid tests for the detection of the hLH (human Luteinizing hormone) – ovulation

Product	Sample	Product Code	Test / Pack
NADAL® hLH Ovulation 30 mIU/ml Test Strip	Urine	165001	50 Tests
NADAL® hLH Ovulation 30mIU/ml Test Cassette	Urine	166001	30 Tests



### **NADAL® Strep B Rapid Test**

Instant diagnosis in the case of suspected infection with Group B Streptococcus (GBS, *Streptococcus agalactiae*).

<b>Sample:</b>	Vaginal or Rectal Swab
<b>Test time:</b>	10 Minutes
<b>Sensitivity:</b>	88.8% compared to LIM+SBM cultures
<b>Specificity:</b>	97.8% compared to LIM+SBM cultures

### ***Streptococcus B (Strep B)***

Rapid test for the measurement of Strep B

Product	Sample	Product Code	Test / Pack
NADAL® Strep B Test Cassette	Vaginal or Rectal Swab	232001	20 Tests

### ***STDs (Sexually Transmitted Diseases)***

Rapid tests for the detection of sexually transmitted diseases

Product	Sample	Product Code	Test / Pack
NADAL® Syphilis Test Strip	Whole blood, Serum, Plasma	201001	40 Tests
NADAL® Syphilis Test Cassette	Whole blood, Serum, Plasma	202001	20 Tests
NADAL® Gonorrhea Test Cassette	Cervical & urethral swab	611003	10 Tests
Chlamydia Test Cassette	Cervical & urethral swab, Urine (male samples)	212005	20 Tests
Chlamydia swab	-	212003	1 Unit
<i>Trichomonas Vaginalis</i> Test Cassette	Vaginal Secretion	840001	20 Tests
NADAL® Candida Albicans Test Cassette	Vaginal Secretion	1120001	20 Tests
NADAL® HSV 1&2 Herpes-Simplex-Virus Test Cassette	Vaginal Secretion	1130001	20 Tests





### Chlamydia Rapid Test

Detection of *chlamydia trachomatis* to aid in the diagnosis of a chlamydia infection in both men and women.

**Sample:** Swab/Urine (males only)

**Test time:** 10 Minutes

### Determination of Vaginal pH

Rapid test for the measurement of vaginal pH

Product	Sample	Product Code	Test / Pack
NADAL® pH-Test Applicator	Vaginal Secretion	194002	50 Tests

### Stay healthy through pregnancy with pH-Control®

Around 15-20% of all pregnant women are diagnosed with bacterial vaginosis (BV). BV increases the risk of:

- a premature birth,
- a chorioamnionitis (infection of fetal membranes),
- a premature rupture,
- fever during birth,
- of endometritis post partum (inflammation of the endometrium after birth),
- a bacterial infection of the fetus.

With the help of regular self-monitoring of the vaginal pH-value, pregnant women can reduce the risk of infection. The measurement of the vaginal pH value is an integral part of the program for avoiding premature birth according to Prof. E. Saling.



## Oncology

It is estimated that more than one in three people will develop some form of cancer during their lifetime. Therefore, early detection is crucial!

Our immunological *in-vitro* rapid tests help to provide quick and reliable diagnosis of common cancers such as bladder, colon and prostate.



### NADAL® BCA/HB Bladder Cancer Rapid Test

Instant diagnosis within the scope of bladder cancer screening.

**Sample:** Urine  
**Test time:** 9 Minutes  
**Sensitivity:** 97.1% compared to biopsy (Clinical sensitivity G3, BCA, HB)  
**Specificity:** 72% compared to biopsy (Patient group previously diagnosed with bladder cancer)

These rapid tests detect bladder cancer antigen (hcFHRp) and hemoglobin simultaneously.

### BCA/HB (Antigen for Bladder Cancer/ Hemoglobin)

Rapid test for the detection of bladder cancer antigen and hemoglobin

Product	Sample	Product Code	Test / Pack
NADAL® BCA/HB Test Cassette	Urine	562003	10 Tests

### AFP (Alpha-Fetoprotein)

Rapid test for the detection of AFP antigen

Product	Sample	Product Code	Test / Pack
NADAL® AFP Test Cassette	Whole blood, Serum, Plasma	712001	30 Tests

### Calprotectin

Rapid test for the detection of Calprotectin

Product	Sample	Product Code	Test / Pack
NADAL® Calprotectin Test Cassette	Faeces	1212001	10 Tests
NADAL® Calprotectin Positive Control	-	1212003	1 Test

### Calprotectin+Lactoferrin

Rapid test for the detection of Calprotectin and Lactoferrin

Product	Sample	Product Code	Test / Pack
NADAL® Calprotectin+Lactoferrin Test Cassette	Faeces	1212002	10 Tests

### CEA (Carcino-Embryonic Antigen)

Rapid test for the detection of CEA antigen

Product	Sample	Product Code	Test / Pack
NADAL® CEA Test Cassette	Whole blood, Serum, Plasma	722003	30 Tests

### FOB (Fecal Occult Blood) / Colon Cancer

Rapid tests for the detection of Fecal Occult Blood

Product	Sample	Product Code	Test / Pack
NADAL® FOB plus Test Cassette	Faeces	272016	25 Tests
NADAL® FOB 40ng Test Cassette	Faeces	272001	20 Tests
NADAL® FOB 75ng Test Cassette	Faeces	272042	20 Tests
NADAL® FOB 75ng II Test Cassette plus accessories	Faeces	272043	20 Tests
NADAL® FOB II Test Cassette plus accessories	Faeces	272040	20 Tests
NADAL® FOB Faeces Collector	-	272004	20 Pieces
NADAL® FOB Test Tubes for Sample Collection	-	272007	1 Piece

## Overview of the package contents of our FOB tests:

### NADAL FOB Test

#### The pack consists of:

- 20 individually packed test cassettes
- 20 sampling tubes: each with 2 ml 0.1M TBS with BSA and 0,02% sodium azide
- 20 patient cards with information about sample collection
- 1 user manual

Article Nr.: 272001



### NADAL FOB II Test

#### The pack consists of:

- 20 individually packed test cassettes
- 20 sampling tubes: each with 2 ml 0.1M TBS with BSA and 0,02% sodium azide
- 20 stool collectors
- 20 patient sets with information about sample collection
- 20 patient leaflets
- 1 user manual

Article Nr.: 272040



### NADAL FOB Plus Test

#### The pack consists of

- 25 individually packed test cassettes
- 25 sampling tubes: each with 2 ml 0.1M TBS with BSA and 0,02% sodium azide
- 25 stool collectors
- 25 patient sets with information about sample collection (includes sample collection tube) to give to the patient
- 1 stand for information flyer
- 25 patient leaflets
- 1 user manual

Article Nr.: 272016



## Hb / Hp (Hemoglobin/Haptoglobin) Bladder Cancer

Rapid tests for the detection of Hemoglobin/Haptoglobin complex

Product	Sample	Product Code	Test / Pack
NADAL® Hb/Hp Complex Kit Test Cassette	Faeces	272011	25 Tests
NADAL® Hb/Hp Test Cassette	Faeces	272015	25 Tests
NADAL® Hb/Hp Test Tubes for Sample Collection	-	272030	1 Piece

### **H. Pylori (Helicobacter Pylori)**

Rapid tests for the detection of antigen / antibody to H. Pylori

Product	Sample	Product Code	Test / Pack
NADAL® H. Pylori Antibody Test Cassette	Whole blood, Serum, Plasma	262001	20 Tests
NADAL® H. Pylori Faeces Antigen Test Cassette	Faeces	262002	20 Tests

### **Lactoferrin**

Rapid test for the detection of Lactoferrin

Product	Sample	Product Code	Test / Pack
NADAL® Lactoferrin Test Cassette	Faeces	1200001	10 Tests
NADAL® Lactoferrin Positive Control	-	1200002	1 Test

### **NMP22®**

Rapid test for the detection of NuMA-Proteins (Nuclear Mitotic Apparatus)

Product	Sample	Product Code	Test / Pack
NMP22® BladderChek® Test Cassette	Urine	562004	10 Tests
NMP22® BladderChek® Test Cassette	Urine	562005	24 Tests



### **BGT® PSA Test Cassette**

Rapid diagnosis of PSA levels as an indication of prostate cancer

**Test time:** 10 Minutes  
**Sensitivity:** 99%  
**Specificity:** 97%

### **PSA (Antigen for Prostate Cancer)**

Rapid test for the detection of prostate cancer

Product	Sample	Product Code	Test / Pack
BGT® PSA Test Cassette	Whole blood, Serum, Plasma	602002	20 Tests
PSA Test Cassette	Serum, Plasma	602004	25 Tests





## Cardiology

Acute and chronic cardiovascular diseases are a major factor of morbidity and mortality. Heart attacks are one of the most common cardiovascular diseases and an early diagnosis is crucial for a good prognosis.

Only six hours after the onset of an infarction, damage to the heart muscle is irreversible. In most cases a fatality can be prevented with early treatment. This highlights the importance of an early and accurate diagnosis.



### NADAL® Troponin I Rapid Test

Instant diagnosis in case of a heart attack emergency

**Sample:** Whole blood, Serum, Plasma  
**Test time:** 15 Minutes  
**Cut-Off:** 1.0 ng/ml

### *Troponin I*

Rapid test for antigen detection of Troponin I

Product	Sample	Product Code	Test / Pack
NADAL® Troponin I Test Cassette	Whole blood, Serum, Plasma	282001	20 Tests
		282000	10 Tests
		282015	5 Tests

### Cardiac Combo

Rapid test for the detection of antigens of Troponin I, CK-MB and Myoglobin

Product	Sample	Product Code	Test / Pack
NADAL® Cardiac Combo Trop I, CK-MB, Myoglobin Test Cassette	Whole blood, Serum, Plasma	282003	5 Tests

### CK-MB

Rapid test for antigen detection of CK-MB (Creatin-Kinase)

Product	Sample	Product Code	Test / Pack
NADAL® CK-MB Test Cassette	Whole blood, Serum, Plasma	302001	5 Tests

### CrP high sensitivity

Rapid test cassette for high sensitive CRP

Product	Sample	Product Code	Test / Pack
NADAL® high sensitivity CrP Test Cassette	Whole blood, Serum, Plasma	312002	20 Tests

### CrP

Rapid test for the detection and the monitoring of CrP levels

Product	Sample	Product Code	Test / Pack
NADAL® CrP Test Strip	Whole blood	311001	20 Tests
NADAL® CrP Test Cassette	Whole blood, Serum, Plasma	312001	20 Tests



### NADAL® D-Dimer Rapid Test

Instant diagnosis for the exclusion of embolisms or thrombosis.

**Sample:** Whole blood, Plasma  
**Test time:** 10 Minutes  
**Cut-off:** 500 ng/ml

The detection of D-Dimer (a product derived from Fibrin) supports the diagnosis of disseminated intravascular coagulation disorders (DIC), deep vein thrombosis (DVT) and pulmonary embolisms (PE).

### D-Dimer

Rapid test for the detection of D-Dimer antigen

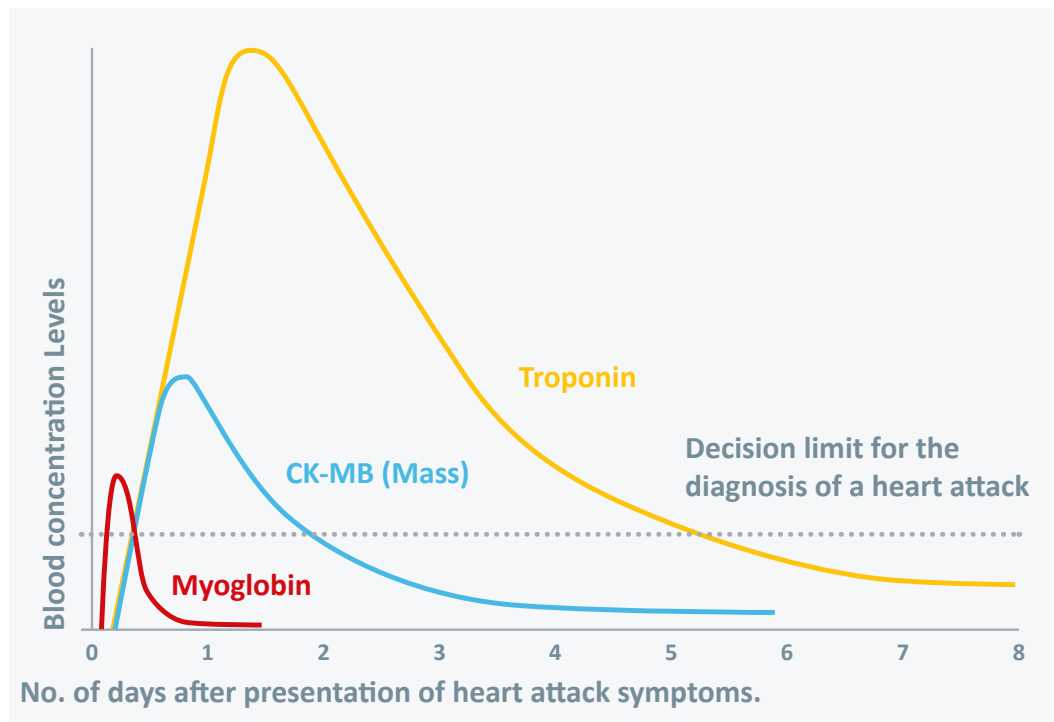
Product	Sample	Product Code	Test / Pack
NADAL® D-Dimer Test Cassette	Whole blood, Plasma	351006	5 Tests
NADAL® D-Dimer Test Cassette	Whole blood, Plasma	351007	10 Tests

### *h-FABP*

Rapid test for the detection of the complex h-FABP

Product	Sample	Product Code	Test / Pack
NADAL® h-FABP Test Cassette	Whole blood, Serum, Plasma	900001	10 Tests

### Development of important “heart markers” in case of a heart attack



After heart damage occurs and pain sets in, Troponin-I is released into the blood within 4-6 hours. The release of cardiac TnI is similar to that of CK-MB; however while CK-MB is reduced to its normal level after 72 hours, the Troponin I level remains increased for up to 6-10 days, therefore providing a greater time frame in which heart damage can be detected.

## Roche Reflotron®

**Reflotron® Systems** from Roche are reliable and easy-to-use desktop analysers. They allow for the determination of 17 clinical chemistry parameters directly from a sample of human whole blood, plasma or serum. The Reflotron® System delivers fast results (2-3 minutes / parameter), which are comparable to laboratory results. Due to the swift on site testing times, the patient can wait for their results during their appointment and the necessary treatment may be started immediately.

There are 17 clinical chemistry parameters from Reflotron® tests available. Through these parameters, the most important indication areas are covered for the initial treatment of health problems such as diabetes, lipid metabolism disorders, alterations of metabolism, kidney disease, myocardial infarction, anaemia, liver dysfunction, pancreatitis, inflammatory & autoimmune disorders, gout and bone disorders.

## Roche Reflotron®

Product	Sample	Product Code	Test / Pack
Roche Reflotron® Alkaline Phosphatase	Serum, Heparin-Blood, Heparin-Plasma	373001	30 Tests
Roche Reflotron® Amylase	Serum, Heparin-Blood, Heparin-Plasma	373002	15 Tests
Roche Reflotron® Pancreas-Amylase	Serum, Heparin-Blood, Heparin-Plasma	373003	15 Tests
Roche Reflotron® Bilirubin	Serum, Heparin-Blood, EDTA-Blood, Heparin-Plasma, EDTA-Plasma	373004	30 Tests
Roche Reflotron® Cholesterol	Serum, Heparin-Blood, EDTA-Blood, Heparin-Plasma, EDTA-Plasma	373005	30 Tests
Roche Reflotron® HDL Cholesterol	EDTA-Plasma	373006	30 Tests
Roche Reflotron® CK (Creatin-Kinase)	Serum, Heparin-Blood, Heparin-Plasma	373007	15 Tests
Roche Reflotron® Creatinine	Serum, Heparin-Blood, EDTA-Blood, Heparin-Plasma, EDTA-Plasma	373008	30 Tests
Roche Reflotron® GGT	Serum, Heparin-Blood, EDTA-Blood, Heparin-Plasma, EDTA-Plasma	373009	30 Tests
Roche Reflotron® GOT	Serum, Heparin-Blood, Heparin-Plasma	373010	30 Tests
Roche Reflotron® GPT	Serum, Heparin-Blood, Heparin-Plasma	373011	30 Tests
Roche Reflotron® Glucose	Serum, Heparin-Blood, EDTA-Blood, Heparin-Plasma, EDTA-Plasma	373012	30 Tests
Roche Reflotron® Haemoglobin	Heparin-Blood, EDTA-Blood	373013	30 Tests
Roche Reflotron® K+ (Potassium)	Serum, Heparin-Plasma	373014	30 Tests
Roche Reflotron® Triglyceride	Serum, Heparin-Blood, EDTA-Blood, Heparin-Plasma, EDTA-Plasma	373015	30 Tests
Roche Reflotron® Urea Nitrogen	Serum, Heparin-Blood, EDTA-Blood, Heparin-Plasma, EDTA-Plasma	373016	15 Tests
Roche Reflotron® Uric Acid	Serum, Heparin-Blood, Heparin-Plasma	373017	30 Tests
Roche Reflotron® Clean + Check (15 control strips & 16 cleaning wipes)	-	373030	1 Kit (15 + 16)



## Urology

Today, urine test strips are modern medical tools which are uncomplicated, quick and easy to use. Urine test strips are an ideal tool for the targeted diagnosis and effective treatment of numerous diseases. The test strips are designed so that even small pathological changes in urine are detected through distinct colour changes in the test fields. This helps the clinician to both diagnose and treat a variety of diseases.



### Ratisbonne 10 M Urine Test Strips

Instant diagnosis – urine test strips

**Parameters:** Bilirubin, Blood, Glucose, Ketones, Leucocytes, Nitrite, pH, Protein, Specific Gravity, Urobilinogen, Ascorbic Acid

Manual or automated evaluation.



## Reactif Urine Analysis Strips

Rapid analysis of urine

Product	Parameters													Product Code	Test / Tube
Reactif G Urine Test Strip					G									41010-L	100 Tests
Reactif GP Urine Test Strip					G						P			41020-L	100 Tests
Reactif 2 Urine Test Strip				C				Ma						410021-M	50 Tests
Reactif 2B Urine Test Strip					G	K								41022-L	100 Tests
Reactif 3 Urine Test Strip					G					pH	P			41030-L	100 Tests
Reactif 4 Urine Test Strip			Bl		G					pH	P			41040-L	100 Tests
Reactif 5B Urine Test Strip			Bl		G	K				pH	P			41050-L	100 Tests
Reactif 8SG Urine Test Strip			Bl		G	K	L		N	pH	P	S		41080-L	100 Tests
Reactif 10 SL Urine Test Strip		Bi	Bl		G	K	L		N	pH	P	S	U	41101-L	100 Tests
Reactif 11 M Urine Test Strip	A	Bi	Bl		G	K	L		N	pH	P	S	U	41110-L	100 Tests
														41110-S	25 Tests
Reactif 13 Urine Test Strip	A	Bi	Bl	C	G	K	L	Ma	N	pH	P	S	U	41130-S	25 Tests
Reactif Control Level 1 & Level2 (Positive and Negative Control)	-	Bi	Bl	C	G	K	L	Ma	N	pH	P	S	U	41008	Kit

- A = Ascorbic Acid
- Bi = Bilirubin
- Bl = Blood
- C = Creatinin
- G = Glucose
- K = Ketones
- L = Leucocytes
- Ma = Microalbumin
- N = Nitrite
- pH = pH
- P = Protein
- S = Specific Gravity
- U = Urobilinogen

## Urine Analysers

Automatic analysis of Reactif® Urine strips (series 41XXX)

Product	Performance	Product Code	Test / Pack
Reactif® U100 Analyser	Output max. 120 per Hour	41000	1 Unit
Reactif® U500 Analyser	Output max. 500 per Hour	41001	1 Unit

## Microalbumin Urine Strips

Rapid test for the detection of Microalbumin

Product	Sample	Range	Results	Product Code	Test / Pack
NADAL® Microalbumin Test Strip	Urine	20 mg/l	qualitative	331001	50 Tests
NADAL® Microalbumin Test Strip	Urine	0-100 mg/l	semi-quantitative	331004	50 Tests
Roche Micral Test II Test Strip	Urine	0-100 mg/l	semi-quantitative	333003	30 Tests (Tube)

## Roche Combur Test®, Siemens/Bayer Multistix® and Ratisbonne Urine Strips

Rapid test for analysis of urine

Product	Parameters													Product Code	Test / Tube
Roche cobas® Combur <sup>9</sup> Test®	Bi	Bl	G	K	L	N	pH	P		U				37090-M	50 Tests
Roche cobas® Combur <sup>9</sup> Test®	Bi	Bl	G	K	L	N	pH	P		U				37090-L	100 Tests
Roche cobas® Combur <sup>10M</sup> Test®	Bi	Bl	G	K	L	N	pH	P	S	U				37100-A	100 Tests
Siemens Multistix® 8 SG		Bl	G	K	L	N	pH	P	S					40080-L	100 Tests
Siemens Multistix® 10 SG	Bi	Bl	G	K	L	N	pH	P	S	U				40100-L	100 Tests
Ratisbonne 10 M	Bi	Bl	G	K	L	N	pH	P	S	U				42100-A	100 Tests
Ratisbonne U100 Analyser	Output max. 120 Strips per hour													42000	1 Unit

- Bi = Bilirubin
- Bl = Blood
- G = Glucose
- K = Ketones
- L = Leucocytes
- N = Nitrite
- pH = pH
- P = Protein
- S = Specific Gravity
- U = Urobilinogen



## Specific Bacteriology

In Bacteriology, the term "bacteria" is traditionally used for all microscopic, mostly unicellular organisms that have no real nucleus. They belong to the prokaryotes group of organisms, and can cause a variety of

diseases. Delayed treatment due to a late diagnosis can cause dramatic, or even fatal ethiopathological episodes. For this reason, an early and quick diagnosis is crucial for a good prognosis.



### NADAL® Legionella Urine Antigen Test

Instant diagnosis in the case of a suspected infection with *Legionella pneumophila*

<b>Sample:</b>	Urine
<b>Test time:</b>	15 Minutes
<b>Sensitivity:</b>	99% compared to other rapid tests
<b>Specificity:</b>	99% compared to other rapid tests

### Legionella

Rapid test for antigen detection of Legionella Pneumophila

Product	Sample	Product Code	Test / Pack
NADAL® Legionella Test Cassette	Urine	552010	10 Tests

### Lyme. Borreliosis

Rapid test for antibody detection of Borrelia (*Borrelia burgdorferi*, *B. garinii* and *B. afzelii*)

Product	Sample	Product Code	Test / Pack
NADAL® Lyme. Borreliose Test Cassette	Whole blood, Serum, Plasma	870001	10 Tests

Rapid test for the detection of Borrelia (*B. garinii*, *B. afzelii* und *B. burgdorferi sensu stricto*) directly from a tick

Product	Sample	Product Code	Test / Pack
NADAL® Tick - Borreliose Test Cassette	Tick	870002	5 Tests

### Campylobacter

Rapid test for the detection of Campylobacteriosis

Product	Sample	Product Code	Test / Pack
NADAL® Campylobacter Test Cassette	Faeces	1232001	10 Tests
NADAL® Campylobacter Positive Control	-	1232002	1 Test

### Clostridium difficile

Rapid test for the antigen detection for *Clostridium difficile* toxins A and B, or Glutamat Dehydrogenase

Product	Sample	Product Code	Test / Pack
NADAL® Clostridium Difficile GDH Test Cassette	Faeces	582004	10 Tests

### Clostridium Perfringens

Rapid tests for the detection of Clostridium Perfringens antigens

Product	Sample	Product Code	Test / Pack
NADAL® Clostridium Perfringens Test Cassette	Faeces	582009	10 Tests

### ***E. coli O157***

Rapid test for antigen detection for the bacteria *Escherichia coli O157*

Product	Sample	Product Code	Test / Pack
NADAL® E.coli O157 Test Cassette	Faeces	501006	10 Tests
Dehydrated Difco EC Medium (available only with the 501011)	-	501010	1 Pack
Difco Antimicrobial Novobiocin Supplement (available only with the 501010)	-	501011	1 Pack
NADAL® E.coli O157 Positive Control	-	501005	1 Test

### ***EHEC Verotoxin 1&2***

Rapid tests for the detection of verotoxin 1 & 2 of enterohemorrhagic E. coli

Product	Sample	Product Code	Test / Pack
NADAL® EHEC Verotoxin 1-2 Test Cassette	Faeces	501012	10 Tests

### ***Listeria***

Rapid test for the detection of *Listeria monocytogenes*

Product	Sample	Product Code	Test / Pack
NADAL® Listeria Test Cassette	Faeces	1252001	10 Tests
NADAL® Listeria Positive Control	-	1252002	1 Test

### ***Salmonella***

Rapid test for the detection of *Salmonella*

Product	Sample	Product Code	Test / Pack
NADAL® Salmonella Test Cassette	Faeces	1242001	10 Tests
NADAL® Salmonella Positive Control	-	1242003	1 Test

### ***Salmonella Typhi***

Rapid test for the detection of *Salmonella Typhi*

Product	Sample	Product Code	Test / Pack
NADAL® Salmonella Typhi Test Cassette	Faeces	1242002	10 Tests

### **Shigella**

Rapid test for the detection of Shigella species

Product	Sample	Product Code	Test / Pack
NADAL® Shigella Test Cassette	Faeces	1262001	10 Tests
NADAL® Shigella Positive Control	-	1262003	1 Test

### **Shigella Dysenteriae**

Rapid test for the detection of Shigella Dysenteriae Type 1

Product	Sample	Product Code	Test / Pack
NADAL® Shigella Dysenteriae Test Cassette	Faeces	1262002	10 Tests

### **Streptococcus Pneumoniae**

Rapid test for the antigen detection of *streptococcus pneumoniae*

Product	Sample	Product Code	Test / Pack
NADAL® Streptococcus Pneumoniae Test Cassette	Urine	572004	10 Tests





## Diabetes

Due to the modern way of living, more and more people suffer from Diabetes mellitus type II. In contrast to *diabetes mellitus* type I, which manifests itself during childhood and youth, type II often occurs later in life. Treatment of both types of the disease requires regular measurement of

blood glucose levels. Our blood glucose meters are handy, reliable and accurate. In addition, it is possible to monitor long-term development of blood sugar levels with our HbA1c analyzer.

### Reliable, affordable and easy to use measurement of the blood sugar levels.

- ✓ Several possible testing areas: fingertip, ball of the thumb and forearm.
- ✓ Automatic calibration
- ✓ Measurement in just two steps
- ✓ End-Fill strips with moisture regulation to simplify the application of the blood through simple contact of the blood sample with the test strip.
- ✓ Accurate results after just 5 seconds
- ✓ Requires only 0.5 µL of blood
- ✓ Safe testing by sampling without contact with blood or needle
- ✓ Gold electrodes for precise measurement
- ✓ The lancet ejector was created to enable comfortable and simple ejection of used lancets

### Measurement of Blood Sugar Level

Blood glucose meter for the treatment of diabetes

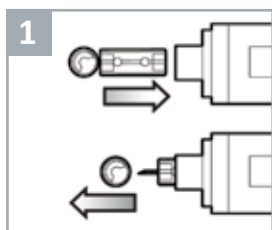
Product	Product Code	Test / Pack
GlucoDr™ auto AGM-4000 Test Meter	930001	1 Kit
GlucoDr™ auto AGM-4000 Test Strip	930002	50 Strips
GlucoDr™ auto Lancing Device	930005	1 Lancing Device
GlucoDr™ auto Lancets	930006	200 Lancets
GlucoDr™ auto AGM-4000 Control Solution	930003	1 x 4 ml
NADAL® Lancets	341008	5 Lancets



### GlucoDRTM auto AGM-4000 Kit, Product Code 930001

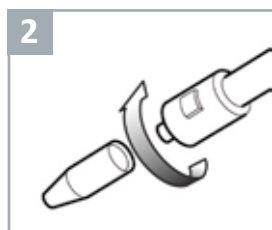
- ✓ 1 Test Meter
- ✓ 1 Lancing Device
- ✓ 1 Tube of 25 Test Strips
- ✓ 10 Lancets
- ✓ 1 User Manual
- ✓ 1 Carrying Case

## Testing Procedure



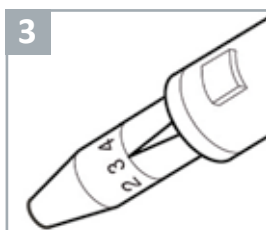
### 1 Insert a lancet into the lancing device holder

Insert the lancet firmly into the holder until it is fully secure. When the lancet is placed in the lancing device, remove the protective disk from the lancet. Do not discard the protective disk, as it will be used to discard the lancet safely after its use.



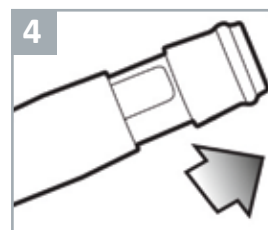
### 2 Replace the cap

Turn the cap of the lancing device clockwise until it is secured.



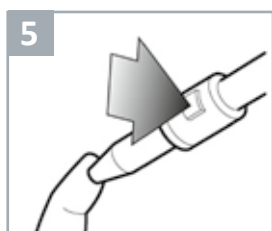
### 3 Adjust the setting of puncture depth

The dial for setting the puncture depth is at the tip of the lancing device. A higher number indicates a deeper puncture. Therefore set the dial to the lowest number for thin skin.



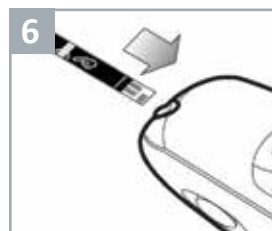
### 4 Charge the lancing device

Draw back the lower part of the lancing device until it clicks, then release it.



### 5 Lance your finger

Place the lancing device carefully on the tip of your finger and press the release button.



### 6 Insert test strip

Gently insert the test strip with the printed side facing up into the test port of your test meter. Push it all the way in until it will go no further. The test meter will beep and a code number will appear automatically on your test meter. Make sure your test meter code and test strip code match.



### 7 Apply the blood sample

Apply a round drop of blood to the yellow side-edge of the test strip. The drop of blood will fill the confirmation window. Hold the blood drop to the yellow side-edge of test strip until blood has completely filled the confirmation window. When applied successfully, your test meter will beep. Your test meter will then initiate a countdown.



### 8 Results appear in 5 seconds

Once the test meter completes the count down from "5" to "1", your test result will appear on the meter display. If you remove the test strip immediately, only the test result (not the event record) will automatically save in the test meter memory. Recording the event with each reading may help with effective diabetes management.



## Blood Type Detection

Within the scope of surgical operations, a rapid, easy-to-use and reliable blood group typing of the patient is crucial. Our bedside cards for rapid blood grouping show 4 to 6 reaction chambers that are set apart to allow separate testing both for the patient and control samples. The reaction chambers are sealed with transparent film. Each

contains 70 µl anti-Serum (blue = monoclonal Anti-A-Serum (BIRMA-1), yellow = monoclonal Anti-B-Serum (LB-2), colourless = monoclonal Anti-D-Serum (RUM-1)). Easy documentation: The label on the cards is a copy label- simply remove it from the card and stick on e.g. the transfusion protocol.



### A/B/O-trol® forte Bedside Test Cards

Instant diagnosis for blood group typing

**Sample:** Blood with anticoagulants, native blood, concentrated red cells

**Test time:** 10 Seconds

Available as a double test card for A/B/O and A/B/O+D.

## Blood Group Typing

Rapid test for the detection of the A/B/O or A/B/O+D compatibility.

Product	Sample	Product Code	Test / Pack
ABO-trol® forte II Test Card for A/B/O	Blood with anticoagulants, native blood, concentrated red cells	820001	50 Cards
ABO-trol® forte plus Test Card for A/B/O +D	Blood with anticoagulants, native blood, concentrated red cells	820002	30 Cards

## Test Procedure



### Package Content

- 50 separable cards A/B/O (=100 tests)
- Or 30 separable cards A/B/O+D (=60 tests)



### Required Equipment

- Separable test cards
- Standard syringe for blood sampling



### Test Procedure

- Puncture the reaction chambers with the syringe
- Insert small blood drops



### Interpretation of Result

- In the example above:
- Positive for Anti-A (left; Agglutination visible)
  - Negative for Anti-B (right; no Agglutination visible)





## Latex-agglutination

Our well established Latex-agglutination diagnostic tests provide fast and cost-efficient results across a broad range of applications. Innovative test parameters that test for the detection of Multi-Resistant *Staphylococcus Aureus* (MRSA) are extremely useful in clinical diagnostics.

Further products are available from the following areas:

- ✓ Gastroenterology
- ✓ Autoimmune/Rheuma
- ✓ Syphilis
- ✓ Infection/Inflammation
- ✓ Heart/Circulation





## Latex-Agglutination Tests

Product	Sample	Product Code	Test / Pack
NADAL® ASO Latex Test Detection of Anti-Streptolysin	Serum Serum	795002 795003	50 Tests 100 Tests
NADAL® CrP Latex Test Detection of C-reactive Protein	Serum Serum	795005 795006	50 Tests 100 Tests
NADAL® RF Latex Detection of Rheumatoid Factors	Serum Serum	795008 795009	50 Tests 100 Tests
NADAL® RPR Latex Test Detection of <i>T. pallidum</i> (Syphilis)	Serum Serum	795011 795010	500 Tests 100 Tests
NADAL® VDRL Agglutination Test Detection of VDRL Antigen	Serum Serum	795015 795016	250 Tests 1,500 Tests
NADAL® Waaler Rose Latex Test Detection of Rheumatoid Factors	Serum Serum	795017 795018	50 Tests 100 Tests
NADAL® IM Latex Test Detection of heterophilic antibodies against Epstein-Barr-Virus (agent of I.M.)	Serum	795024	50 Tests
NADAL® TPHA Microplate Hemagglutination Test	Serum Serum	795027 795028	100 Tests 200 Tests
NADAL® Rose Bengale Latex Test Detection of antibodies against Brucella	Human and Animal Serum	795030	100 Tests
MRSA Screen Test Detection of Methicillin-resistant <i>Staphylococcus aureus</i>	<i>S. aureus</i> colonies on agar plate	495001	50 Tests

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