



## NADAL® PSA Test

Rapid test for the semi-quantitative detection of prostate-specific antigens (PSA) as an indicator of prostate cancer

### Prostate cancer

Prostate cancer is the third most common cause of death due to cancer, and the most common kind of cancer in men. The number of new cases has been rising steadily for decades. The introduction of prostate specific antigen (PSA) as a tumor marker has led to a significant increase in the detection of prostate carcinomas - especially those in early, easily treatable stages. PSA has since become the most important marker in urology, as it is the most sensitive parameter in the diagnosis of prostate carcinomas.

Biologically speaking, PSA is a 33 kDa protein that is synthesised in the prostatic gland. It functions as a serine protease and serves to liquefy seminal fluid. It is present in seminal fluid and normal prostate tissue, as well as in benign hyperplastic- and malignant neoplastic prostate tissue. A raised serum concentration is reported in patients with both benign prostatic hypertrophy (BPH) and prostate carcinoma, but rarely in healthy men. PSA is almost absent in the serum of healthy women.

### NADAL® PSA Test

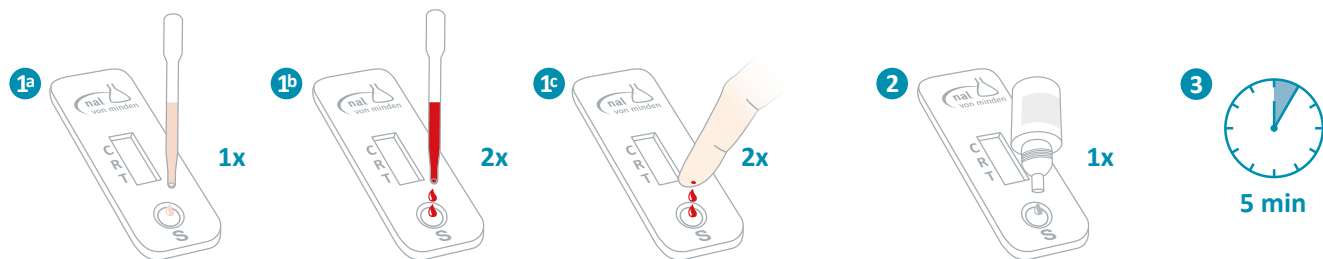
The **NADAL® PSA Test** delivers semi-quantitative results. This allows a statement to be made as to whether the PSA concentration is that of a healthy individual (< 4 ng/ml), caused by other factors such as benign prostatic hyperplasia (BPH) or prostatitis (4-10 ng/ml), or whether there is indeed an increased suspicion of prostate carcinoma (>10 ng/ml).

The **NADAL® PSA Test** is a rapid, visual immunoassay for the preliminary detection of prostate-specific antigen (PSA) in human serum-, plasma-, or whole blood with a cut-off level of 4 ng/ml. The test detects total PSA (tPSA). It is intended as an aid in the diagnosis of prostate cancer and is for professional use only.

### Your benefits at a glance:

- ✓ PSA is an important marker for the identification of prostate cancer in its early stages
- ✓ Semi-quantitative results
- ✓ High sensitivity and specificity
- ✓ Fast and reliable results in just 5 minutes
- ✓ Minimum 10 month shelf life

## Test Procedure



1. a) and b) Using the disposable pipette, dispense **1 drop of serum/plasma OR 2 drops of whole blood** into the sample well (S) of the test cassette.

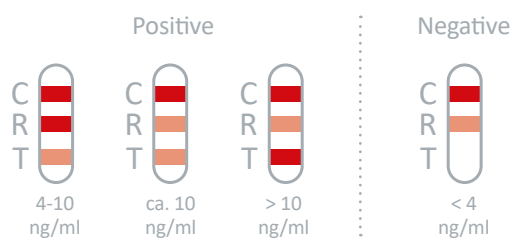
1. c) Or directly dispense **2 hanging drops of fingerstick whole blood** into the sample well (S) of the test cassette.

2. Add **1 drop of buffer** to the sample well (S) of the test cassette and start the timer.

2. Read the test result after **5 minutes**.

Detailed information can be found in the package insert.

## Result interpretation



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Product	Sample material	Sensitivity	Specificity	Product code	Pack size
NADAL® PSA Test	Whole blood, serum, plasma	98.8%	98.6%	602003	20 tests

Kit contains test cassettes (inc. disposable pipettes) • Buffer • Package insert

Our **customer service team** is on hand to answer any questions you may have by telephone, via email or in a personal consultation. For details on **your local sales office and regional free phone numbers**, visit [www.nal-vonminden.com](http://www.nal-vonminden.com).

We help you care!

