

# All the advantages of Molecular Biology in a Rapid Test

PCR-based method coupled to a dipstick device that enables a **rapid, highly sensitive and specific detection.**

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## *Speed-oligo*

Quick Visual Oligochromatography


Speed-Oligo allows for a visual and direct analysis, through a simple technique which provides results in just a few minutes



Speed-oligo contains all reagents necessary to perform the PCR reaction and the detection step. The DNA extraction should be supplied by the laboratory.

- Fast- test results within 55 minutes\*
- Easy to use- no handling of toxic substances
- Cost effective- minimum equipment required
- Lyophilized presentation- prevents contaminations

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SCIENTIFIC

\* Depending on the PCR thermocycler used, the amplification step will take between 15 and 75 minutes, whereas **only 5-10 minutes are necessary for the dipstick detection.**

# Speed-oligo

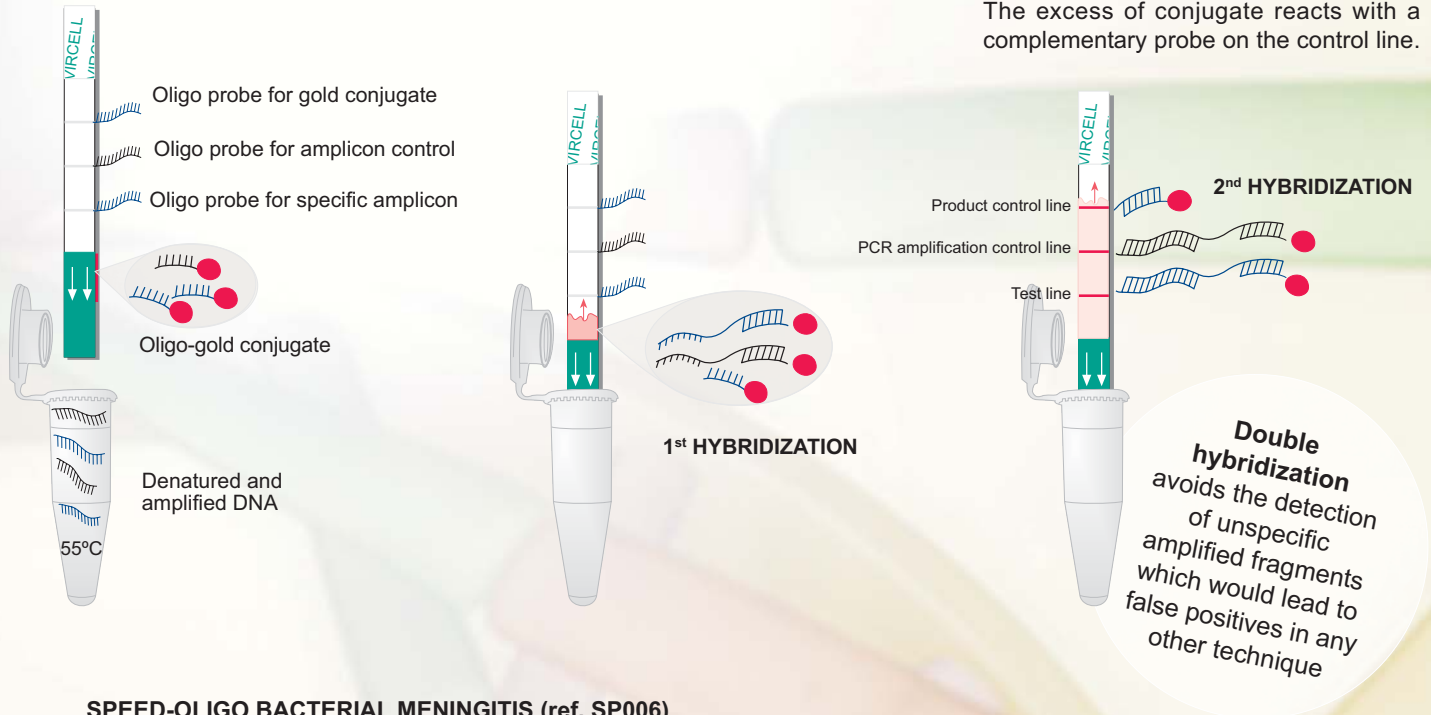
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The denatured PCR products (specific microorganism amplicon and control amplicon) are diluted in the hybridization solution and come into contact with the strip.

When flowing along the strip, the specific and control amplicons react with the complementary probes coupled to colloidal gold.

When reaching the visualization zone, the complexes of specific and control amplicons and the colloidal gold conjugates, react with a second probe which is bound to the membrane, leading to a coloured band. The excess of conjugate reacts with a complementary probe on the control line.



## SPEED-OLIGO BACTERIAL MENINGITIS (ref. SP006)

Oligochromatographic multitest for the qualitative detection of *Streptococcus pneumoniae*, *Haemophilus influenzae* and *Neisseria meningitidis* in clinical samples. 24 tests.

## SPEED-OLIGO BACTERIAL PNEUMONIA COMBI (ref. SP008)

Oligochromatographic test for the qualitative detection of *Chlamydomphila pneumoniae*, *Legionella pneumoniae* and *Mycoplasma pneumoniae* in clinical samples. 24 tests (8x3 tests)

## SPEED-OLIGO CHLAMYDOMPHILA PNEUMONIAE (ref. SP003)

Oligochromatographic test for the qualitative detection of *Chlamydomphila pneumoniae* in clinical samples (*ompA* gene fragment amplification). 40 tests.

## SPEED-OLIGO GROUP B STREPTOCOCCUS (ref. SP004)

Oligochromatographic test for the qualitative detection of Group B Streptococcus in clinical samples (*cfb* gene fragment amplification). 40 tests.

## SPEED-OLIGO LEGIONELLA PNEUMONIAE (ref. SP002)

Oligochromatographic test for the qualitative detection of *Legionella pneumophila* in clinical samples (*mip* gene fragment amplification). 40 tests.

## SPEED-OLIGO MYCOBACTERIA (ref. SP005)

Oligochromatographic multitest for the qualitative detection of *Mycobacterium* genus and 7 different mycobacterial species (*M. tuberculosis* complex, *M. avium/ intracellulare* complex, *M. scrofulaceum*, *M. abscessus*, *M. chelonae*, *M. fortuitum* and *M. gordonae*) isolated from culture. 40 tests.

## SPEED-OLIGO MYCOPLASMA PNEUMONIAE (ref. SP001)

Oligochromatographic test for the qualitative detection of *Mycoplasma pneumoniae* in clinical samples (*P1* gene fragment amplification). 40 tests.