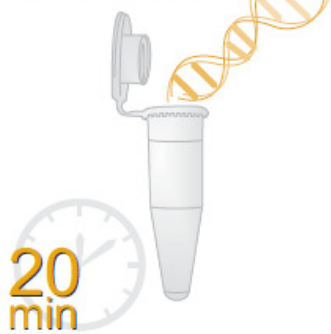


# Speed-oligo®

Quick Visual Oligochromatography

DNA extraction



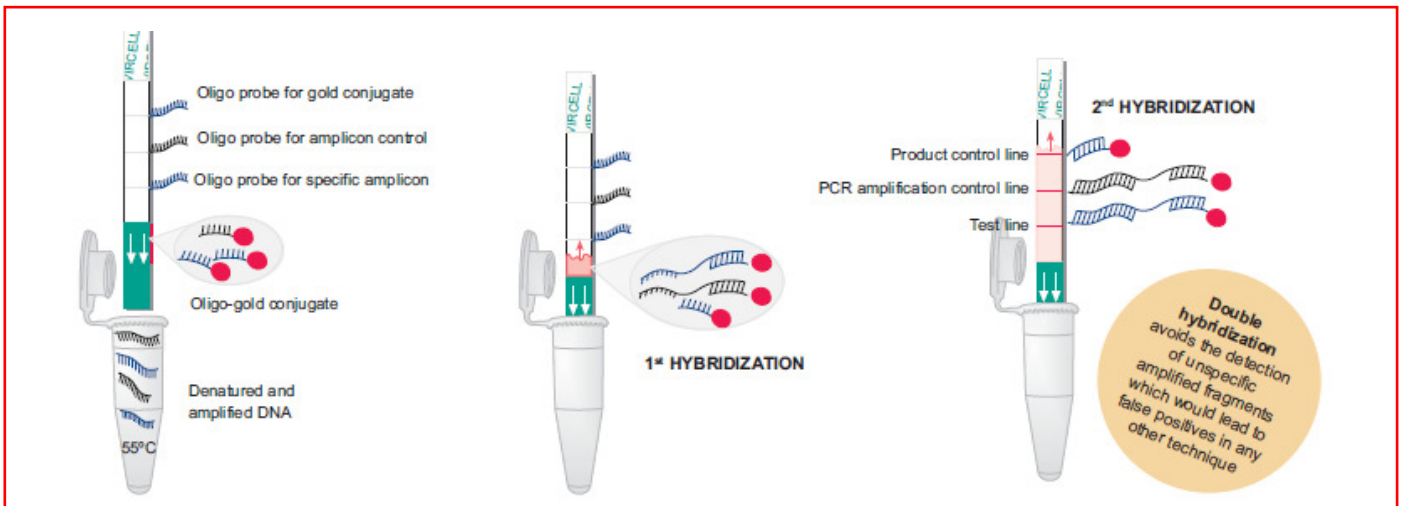
PCR



Strip detection



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



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.