Test procedure:

nucleic acid isolated from specimen (PCR template)

target gene amplification with biotinylated GenID primers

P

B

B **P**

B **B**

B **B**

25-30 cycles

B **B** **B** **B**

B **B** **B** **B**

detection of biotinylated PCR-product (amplicon) by reverse hybridisation

color formation by chromogenic substrate

AP **AP**

B **B** **AP**

target-specific oligonucleotide probe

biotinylated amplicon

precipitate

sequence-specific DNA probe array on the bottom of a microtiter strip plate

signs and symbols

DNA

B Biotin

B biotinylated GenID primer

P DNA polymerase

streptavidin-alcaline phosphatase conjugate **AP**