



**A) Questionnaire for manufacturers and suppliers on**

**Nucleic acid tests (NAT) for diagnostics of patients with infectious diseases**

**1 What do you supply ?**

- instrumentation                       reagents / kits                       instruments and kits

**2 On which methods are the NATs based ?**

- temperature cycling PCR               isothermal amplification techniques  
 branched DNA

**3 Is micro system technology used for liquid handling?**

- yes     no

**4 Target bacteria / viruses**

- tuberculosis                               MRSA                                       SARS  
 cytomegalovirus (CMV)               adenovirus                               influenza A/B  
 HIV     EBV     HBV / HCV  
 other targets, i.e. \_\_\_\_\_

**5 Type of sample**

- blood / plasma                               swab     bioptic tissue  
 other samples, i.e. \_\_\_\_\_

**6 Workflow for handling / sample preparation and amplification**

- manual preparation (DNA extraction, purification, etc.) required before amplification  
 complete tests, automated preparation and workflow in one / different instruments  
 complete tests, all reagents included in cartridge

**7 Measurement time for nucleic acid amplification**

- < 5 min                                       < 10 min                                       < 15 min  
 < 20 min                                       < 25 min                                       > 25 min

**8 Turnaround time for bacteria / virus detection (including sample preparation)**

- < 15 min                                       < 30 min                                       < 1 h  
 < 2 h     > 2 h





9 Total volume used in NAT amplification chamber / cuvette

- checkbox < 2µL, checkbox < 5µL, checkbox < 10µL, checkbox < 20µL, checkbox < 50µL, checkbox > 50µL

10 Detection limit or analytical sensitivity (in pure test samples)

Table with 2 columns: target organism, DNA / RNA copy number / mL. Includes checkboxes for copy numbers < 10, < 50, < 100, < 200, < 500.

11 Average price per test for selected targets

Table with 2 columns: target organism, price per test. Includes checkboxes for price ranges < 1€, 1€ - 2€, 2€ - 4€, 4€ - 8€, > 8€.

12 Typical number of analyses per month for selected targets

Table with 2 columns: target organism, number of analyses per test. Includes checkboxes for < 100 / month, 100 - 1000 / month, > 1000 / month.

13 Company / instrument / kit

Form fields for company name, instrument series / model, test kit / test kits, and date.

