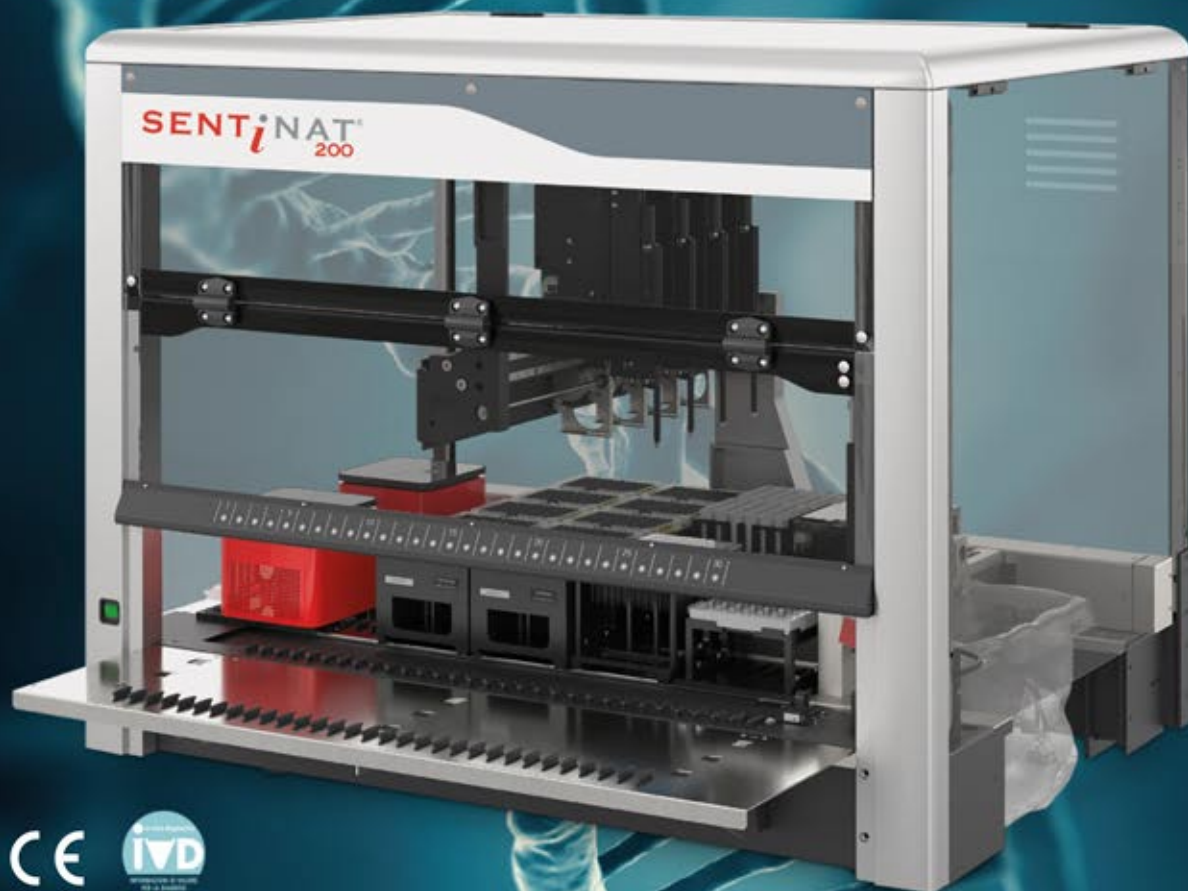


LAB

SENTiNAT[®] 200

Molecular Diagnostics

Integrated System - Sample to Result



CE



SENTINEL
DIAGNOSTICS

Available soon

LAB

SENTiNAT[®] 200



Molecular Diagnostics Integrated System from sample to result

SENTiNAT[®] 200 is the new walk-away system able to provide a complete solution for quantitative/qualitative PCR molecular biology freeze-dried kits. A flexible, fast, compact robotic workstation to efficiently automate assays and sample preparation that includes two Real Time thermal cyclers to manage all the steps from sample to the final result.

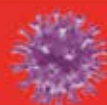
Functional characteristics:

- Fully deck-integrated sample to result solution
- Magnetic beads based extraction technology
- Flexibility due to the availability of two integrated independent qPCRs thermal cyclers
- Fast qPCR to speed up the Turn-Around-Time (TAT)
- Results in less than 2 hours
- Wide portfolio of compatible freeze-dried kits with patented STAT-NAT[®] technology

Technical specifications:

- 4 channels
- CO-RE gripper for plate transportation
- 50-300-1000 µl tips for liquid aspiration and aliquoting
- Cooling-Heating module, heater-shaker and magnetic stand for nucleic acids extraction
- 2 MICs integrated into the deck
- Full traceability assured by the bar code reader

Available **STAT-NAT[®]** kits



Virology

HIV DNA, EBV, BKV, CMV, Adenovirus, HHV-6, HSV-1, HSV-2



Pharmacogenetics

TPMT, CYP2C9, CYP2D6, VKORC1



Respiratory Infections

Mycobacterium (MTBC & MAC), *M. tuberculosis* Drugs Resistance



Healthcare-associated infections

VRE, CRE, MRSA

Ref.	Description
1N200S	SENTiNAT [®] 200 System Molecular Diagnostics Integrated System from sample to result



Room temperature storage

STAT-NAT[®] is freeze-dried and guarantees long term storage at room temperature.



Easy

STAT-NAT[®] contains all the reaction components. The enzyme (Hot Start Polymerase) is already included.



Universal

STAT-NAT[®] technology yields very good performances in all the most diffused molecular biology techniques.



Performance improvement

STAT-NAT[®] is a ready-to-use product that minimizes analytical variables.



Flexible

STAT-NAT[®] can improve test sensitivity even with low concentrated DNA samples.



Environmentally sustainable

STAT-NAT[®] needs neither cumbersome packaging nor temperature controlled shipment.

Sentinel CH. SpA

Via Robert Koch, 2 • 20152 Milan - Italy
Phone: +39 02 3455141 • Fax: +39 02 34551464
sentinel@sentinel.it • www.sentinel diagnostics.com



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