

cobas[®] Liat[®] System

Taking PCR technology further, faster

The cobas[®] Liat[®] System is a compact, innovative real-time PCR platform designed for on-demand STAT testing at the point of care or in the laboratory to support time-sensitive diagnoses and treatment decisions.

cobas[®] Liat[®] Analyser

All nucleic acid testing processes are fully automated, including sample preparation, amplification and real-time detection.



cobas[®] Liat[®] assay tubes

Each cobas[®] Liat[®] assay tube contains all assay reagents for a single test, prepared in isolated segments—add nothing but your patient sample.



Workflow simplified

- Intuitive touchscreen user interface
- Step-by-step guided instructions
- No operator intervention or interpretation
- No laptops or additional equipment required

Sample

Add your patient sample to the cobas[®] Liat[®] assay tube with provided transfer pipette.



Scan

Scan assay tube using built-in barcode reader.



Start

Insert assay tube into the cobas[®] Liat[®] Analyser.



Patient sample to definitive results, in 20 minutes or less

System self-check

- At power-on
- Configuration check
- Ambient temperature check and lock out

Error-diagnostic system

- Comprehensive real-time monitoring
- Continuous self-calibration
- Error messages displayed and recorded

Data encryption

All sensitive data on the Analyzer & in transmission is encrypted, this includes:

- Patient identifiers
- User data



System self-check

- Volume sensing to ensure appropriate amount of sample is used
- Internal control pre-packed & processed through every step
- Quality control reagents provided with each new assay tube lot
- Automated reagent lot recognition and control
- Completely closed system

Operator controls

- Mandatory operator name and PIN entry
- Mandatory patient sample identifier
- User lock-out features

cobas® Liat Analyser specifications

Power supply

Input	Output
100-240V AC /50-60Hz	15V DC / 8.6A

Environmental requirements (operating)

Temperature	Relative humidity	Maximum altitude
+15°C to +32°C	15% to 80% (non-condensing)	2,000 m (6,500 ft.) above sea level

Dimensions and weight

Height	Width	Length	Weight
19.0 cm (7.5")	11.4 cm (4.5")	24.1 cm (9.5")	3.76 kg (8.3 lbs.)

Connectivity

Supports HL-7 and POCT1-A communication protocols

Remote services enabled

Barcode types supported

39, 93, 128 -A & -B, Codabar, Databar-14, EAN-8, EAN-13, GS1, Interleaved 2 of 5

Ordering information

Material number	Product name
07341920190	cobas® Liat® Analyser
07341890190	cobas® Influenza A/B
07341911190	cobas® Strep A
08160104190	cobas® Influenza A/B & RSV

The **cobas®** Liat® System is available in select markets.

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