

# cobas<sup>®</sup> Liat<sup>®</sup> PCR System

## Taking PCR technology further, faster

The **cobas<sup>®</sup> Liat<sup>®</sup>** 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<sup>®</sup> Liat<sup>®</sup> Analyzer

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



### cobas<sup>®</sup> Liat<sup>®</sup> assay tubes

Each **cobas<sup>®</sup> Liat<sup>®</sup>** 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
- No operator intervention or interpretation
- Step-by-step guided instructions
- No laptops or additional equipment required

#### Sample



Add your patient sample to the **cobas<sup>®</sup> Liat<sup>®</sup>** assay tube with provided transfer pipette.

#### Scan



Scan assay tube using built-in barcode reader.

#### Start



Insert assay tube into the **cobas<sup>®</sup> Liat<sup>®</sup>** Analyzer.

**Patient sample to definitive results, in 20 minutes or less**



#### System self-check

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

#### 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

#### Error-diagnostic system

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

Designed  
for a fail-safe  
experience

#### Operator controls

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

## cobas® Liat® Analyzer specifications

### Power supply

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

### Environmental requirements (operating)

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

### Dimensions and weight

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

### Data and display

Over 20,000 test results with date and time can be stored*
Connectivity with both EDI HL7 and DML protocols
PCR curve display

\*Depends on result file size

### 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® Analyzer
07341890190	cobas® Influenza A/B
07341911190	cobas® Strep A
08160104190	cobas® Influenza A/B & RSV

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

COBAS and LIAT are trademarks of Roche.  
All other trademarks are the property of their respective owners.

© 2018 Roche

Roche Molecular Systems, Inc.  
4300 Hacienda Drive  
Pleasanton, CA 94588  
USA  
www.molecular.roche.com

[www.cobasliat.com](http://www.cobasliat.com)

