



cobas[®] Liat[®] PCR System Technical Specifications

The **cobas[®] Liat[®]** PCR System is a compact, rapid molecular testing system for the detection of Influenza A/B, Influenza A/B & RSV, and Strep A at the point of care.

Benefits include:

-  Closed system minimizes contamination
-  No reagent mixing or incubation time
-  Walkaway workflow
-  No interpretation of results needed
-  No confirmation culture required
-  Intuitive touchscreen
-  Step-by-step guided instructions
-  Small footprint and no extra equipment needed
-  No annual maintenance



Actual size cobas[®] Liat[®] Analyzer and assay tube shown

Fast and accurate results in three steps:

Sample



Collect sample and add to assay tube.

Scan



Scan assay tube and sample.

Start



Insert assay tube to start the test.

Internal controls:

- ✓ Volume sensing to ensure appropriate sample amount
- ✓ Internal control is processed through every step
- ✓ Automated reagent lot recognition and control
- ✓ Automated configuration and ambient temperature check

Operator controls:

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

cobas® Liat® Analyzer Product Specifications:

Product Supply:

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

Dimensions and weight:

Height	7.5" (19 cm)
Width	4.5" (11.5 cm)
Length	9.5" (24.1 cm)
Weight	8.3 lbs (3.76 kg)

Environmental requirements (operating conditions)

Temperature	59°F to 89.6°F (15°C to 32°C)
Relative humidity	15% to 80% (non-condensing)
Maximum altitude	6,500 ft (2,000m) above sea level

Data and management

20,000 test results with date and time can be stored
Connectivity with cobas® IT1000, EDI HL7, DML, and RALS, protocols

Barcode types supported

Code 128, 128-A, and 128-B
Code 39
93, Codabar; GS1 Databar-14

Ordering Information

Material Number	Description	Tests per unit	Package dimensions
07341920190	cobas® Liat® Analyzer	N/A	7.5"H x 4.5"W x 9.5"L
07341890190	cobas® Influenza A/B assay	20	10.75"L x 5.875"W x 6.25"H
07341911190	cobas® Strep A assay	20	10.75"L x 5.875"W x 6.25"H
08160104190	cobas® Influenza A/B & RSV	20	10.75"L x 5.875"W x 6.25"H
07402660190	cobas® Influenza A/B Control Kit	(3) positive (3) negative	5"L x 0.5"W x 8"H
07402678190	cobas® Strep Control Kit	(3) positive (3) negative	5"L x 0.5"W x 8"H
07402686190	cobas® Influenza A/B & RSV Control Kit	(3) positive (3) negative	5"L x 0.5"W x 8"H

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