

**Is it the flu?  
Do I have strep?  
Perhaps it's RSV?**

~~Don't~~ know  
for certain.

# Provide answers at the appointment

## ✔ No confirmation required



### Treat with confidence at the point of care with the **cobas**<sup>®</sup> Liat<sup>®</sup> PCR System.

Bringing lab-quality testing to the point of care, **cobas** Liat is the *only* real-time polymerase chain reaction (PCR) system with three CLIA-waived tests that can be performed in 20 minutes or less.

- **cobas Liat Influenza A/B** — comprehensive strain coverage
- **cobas Liat Influenza A/B and RSV** — one sample, three results, no age restrictions
- **cobas Liat Strep A** — no confirmation required



With the **cobas** Liat PCR System, clinicians are able to make the optimal treatment decisions — precisely when patients need it most.

# Bringing a diagnostic gold standard to the point of care

PCR is a recognized gold standard for many diagnostic assays. It enables the fast, accurate identification of infectious diseases by using small amounts of DNA and/or RNA from patient samples.

Roche pioneered bringing this Nobel Prize-winning technology to the point of care with the **cobas Liat** PCR System. Compact and easy to use, it's designed for STAT testing to support time-sensitive diagnoses and treatment decisions.



## **cobas Liat Analyzer**

All nucleic acid testing processes are fully automated, including sample preparation, amplification and real-time detection. One minute of easy hands-on time provides walkaway flexibility and workflow efficiency.

## **cobas Liat assay tubes**

Each **cobas Liat** assay tube contains all reagents for a single test, prepared in isolated segments — add nothing but your patient sample. The closed assay tube minimizes risk for contamination.

# cobas<sup>®</sup> Liat<sup>®</sup> PCR System brings certainty — when and where you need it most



Get lab-quality results at the point of care, so you can provide the right treatment, faster.

- ✓ **PCR accuracy**
- ✓ **Quick, definitive results in 20 minutes or less — no need for interpretation**
- ✓ **Fast, easy operation (walkaway after 1 minute hands-on time)**
- ✓ **Optimize treatment immediately**
- ✓ **No confirmation required for any result, including Strep A**
- ✓ **No age restrictions for the Influenza A/B and RSV test**

# Speed up treatment in three easy steps

**cobas® Liat® protocol: Just test and walk away:**

## 1 Sample



Collect sample and add to assay tube.

## 2 Scan



Scan assay tube and sample.

## 3 Start



Insert assay tube to start test.



### No:

- ✗ Reagent mixing
- ✗ Incubation time
- ✗ Timing constraints
- ✗ Interpretation needed
- ✗ Confirmation required



*The Liat test has fewer steps, which can be completed by the operator in less than 1 minute.*

— Nolte et. al., 2016

# cobas<sup>®</sup> Liat<sup>®</sup> Assay Menu



## cobas Liat Strep A<sup>2</sup>

No confirmation required, results in 15 minutes

SENSITIVITY	SPECIFICITY
98.3%	94.2%



## cobas Liat Influenza A/B<sup>3</sup>

Comprehensive strain coverage, lab-quality results in 20 minutes

SENSITIVITY (A)	SPECIFICITY (A)
100%	96.8%
SENSITIVITY (B)	SPECIFICITY (B)
100%	94.1%



### Accuracy that supports antibiotic stewardship

Whether results are positive or negative, confirmation is not required with the **cobas** Liat PCR System. That means you can prescribe antibiotics or antivirals with confidence, knowing you're not giving the patient unnecessary medication.



## cobas Liat Influenza A/B and RSV<sup>4</sup>

One sample, three results in 20 minutes, no age restrictions

POSITIVE AGREEMENT		
INFLUENZA A	INFLUENZA B	RSV
98.3%	95.2%	97.0%
NEGATIVE AGREEMENT		
INFLUENZA A	INFLUENZA B	RSV
96.0%	99.4%	98.7%



## What's next?

Our real-time PCR tests for Influenza A/B, RSV and Strep A are just the beginning.

Look for more assays — and connectivity options — in the future that can help you save time and speed treatment when your patients need it most.

## Is it the flu? Do I have strep? Does she have RSV?

Not knowing can lead to a missed diagnosis or the wrong prescription. Why risk uncertainty? Instead treat with confidence at the point of care with the **cobas** Liat PCR System.

Learn more at [go.roche.com/LiatPCR](https://go.roche.com/LiatPCR)

# Fewer steps. Faster treatment. Lab-quality results.

Save time when patients need it most with the cobas<sup>®</sup> Liat<sup>®</sup> PCR System.

CLIA-waived, lab-quality Influenza A/B, Influenza A/B and RSV, and Strep A testing at the point of care, providing accurate results in 20 minutes or less. **No confirmation required.**

#### Sources:

<sup>1</sup>Nolte, Frederick S., Lori Gauld and Susan B. Barrett. (November 2016). "Direct Comparison of Alere i and cobas Liat Influenza A and B Tests for Rapid Detection of Influenza Virus Infection." *Journal of Clinical Microbiology* 54(11): 2763-2766.

<sup>2</sup>Roche cobas Liat Strep A Package Insert, 510(k) data.

<sup>3</sup>Roche cobas Liat Influenza A/B Package Insert, 510(k) data.

<sup>4</sup>Roche cobas Liat Influenza A/B and RSV Package Insert, 510(k) data.

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