# Clinical Value and Testing Strategies for COVID-19 Identification

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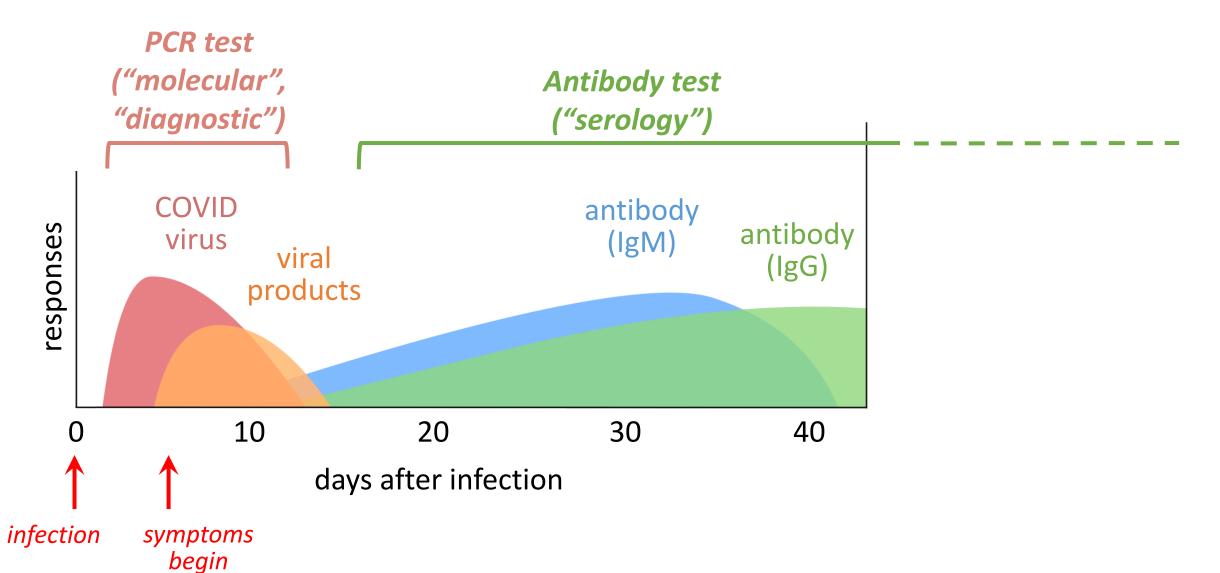


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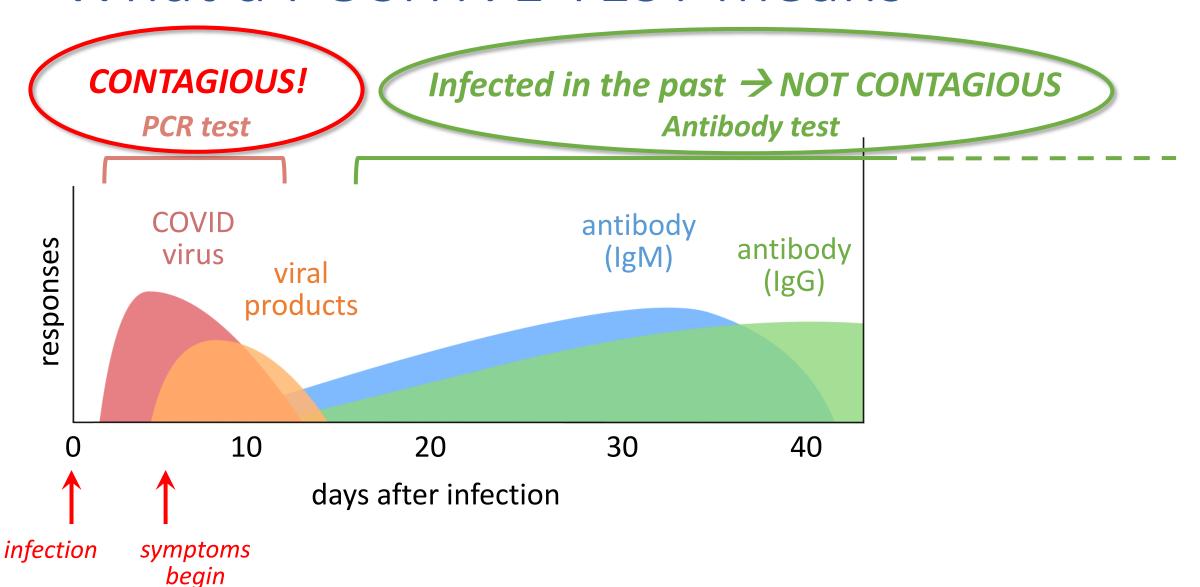
#### COVID-19 Testing — OUTLINE

- The Two Tests
- Their Clinical Value
  - ✓ What a positive test means
  - ✓ Test FAQs
- Testing Strategies
- Other Issues to Discuss

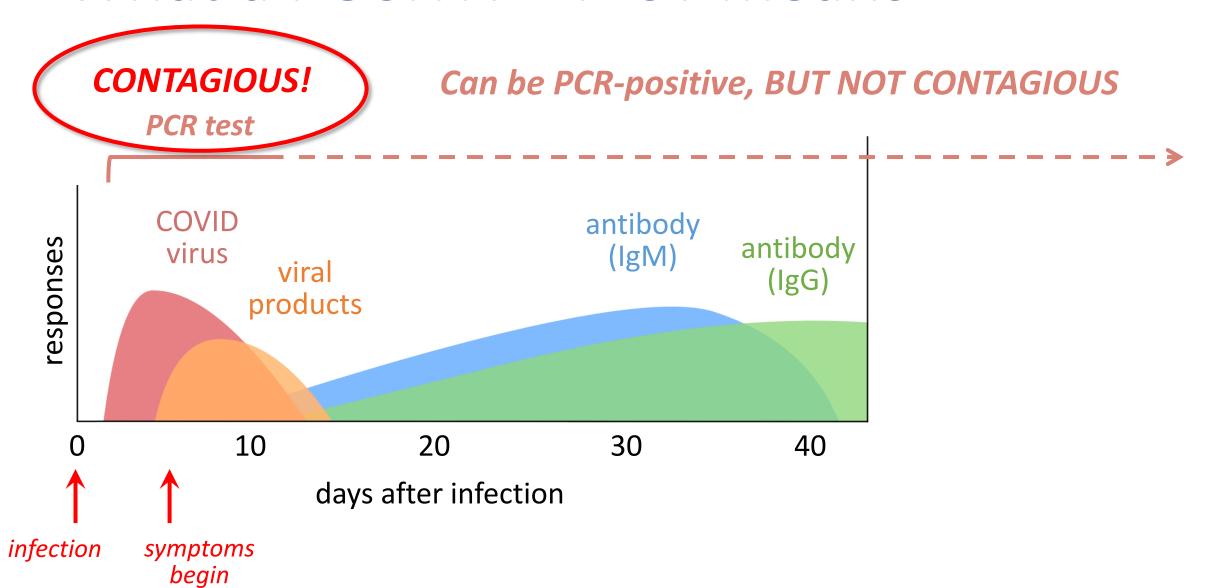
#### The TWO Tests



#### What a POSITIVE TEST means



#### What a POSITIVE TEST means



## PCR and Antibody Tests: FAQs

	PCR	Antibody
Specimen type?	Swab, saliva	blood
Contagious?	YES	NO
Need to isolate?	YES	NO
Might need hospital?	YES	NO
Contact tracing?	YES	NO

## PCR and Antibody Tests: FAQs

	PCR	Antibody
COVID in the past?	NO	YES
Plasma donor?	NO	YES
Insight into prevalence?	NO	YES
Immune from COVID?	NO	Probably
Herd immunity (Did the vaccine work)?	NO	??

## PCR Testing Strategies - DEFINITIONS

Strategy	Patient	Test type
Diagnostic	symptomatic	clinical
Screening	asymptomatic	clinical
Surveillance	asymptomatic	research

### COVID-19 Testing – OTHER TOPICS

- ✓ Test Accuracy
- ✓ Shortages and Other Challenges
- ✓ Asymptomatic vs. Presymptomatic
- ✓ Tradeoffs of asymptomatic testing
- ✓ Pandemic allowances
- ✓ Other testing technologies
- ✓ Testing at UCI
- ✓ As offered