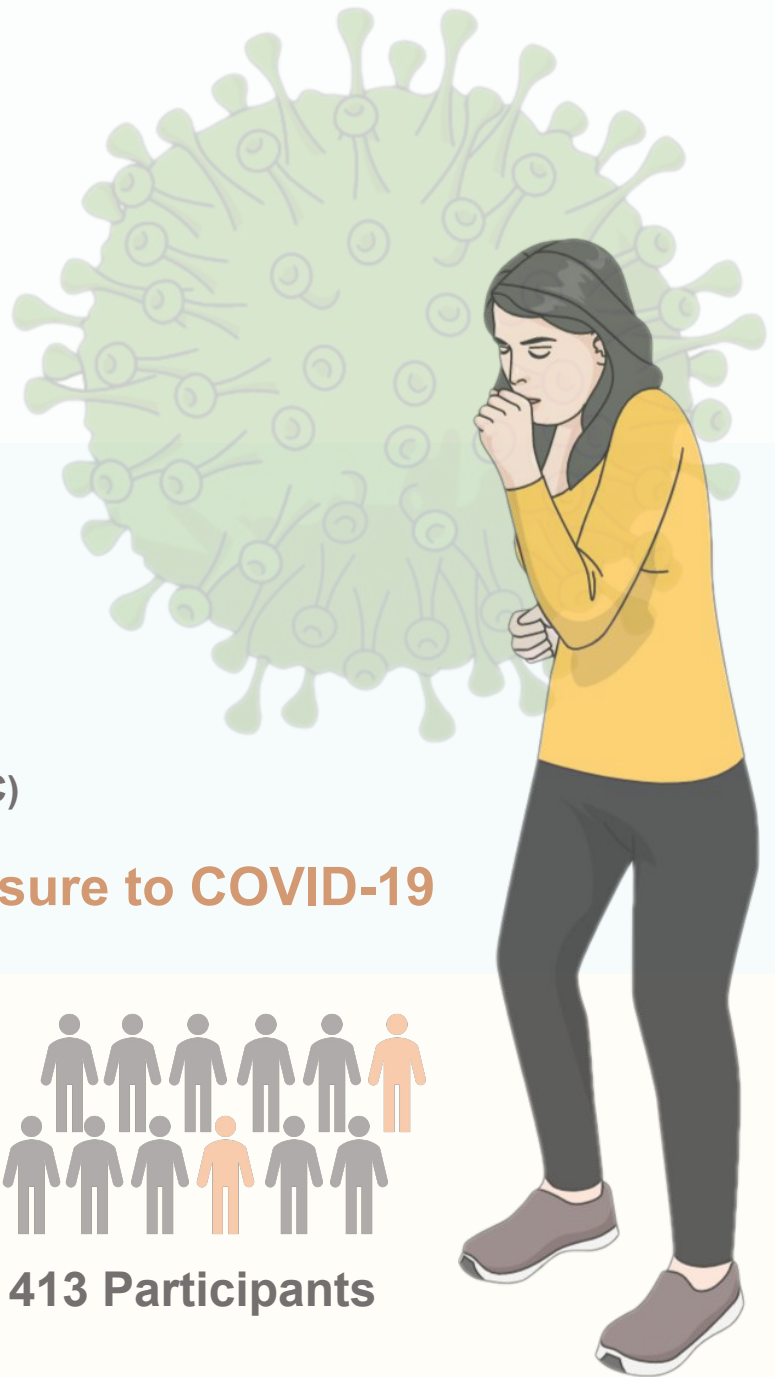


# COVID-19

COVID-19 is a viral respiratory illness caused by a coronavirus called SARS-associated coronavirus-02 (SARS-CoV-02). Since its emergence in China in December 2019, COVID-19 has rapidly spread.

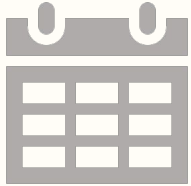


## The ReToCh Study

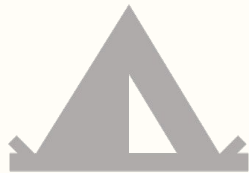
Return To Chelsea

Massachusetts General Hospital (MGH)  
City of Boston  
Boston Public Health Commission (BPHC)

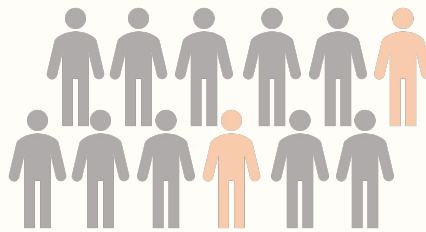
To evaluate community exposure to COVID-19



4 Days



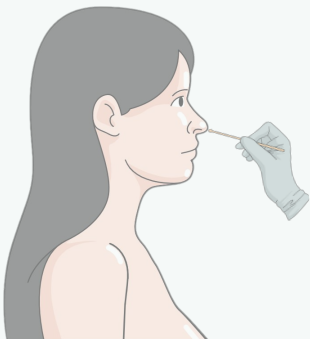
6 Stations



413 Participants

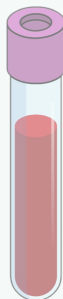
### Nasal Swab

PCR test to detect genetic material of the COVID-19 virus



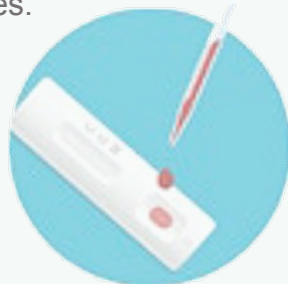
### Blood Draw

The COVID-19 ELISA IgG Antibody Test detects IgG antibodies as indicative of an immune response to SARS-CoV-2 in patients suspected of previous SARS-CoV-2 infection



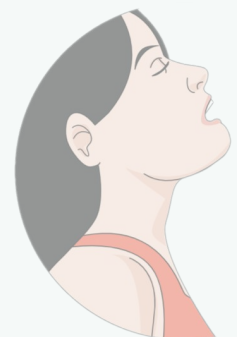
### Rapid Antibody Testing

This diagnostic test rapidly detects certain proteins that are part of the COVID-19 virus. Using one drip of blood, this test can produce results in minutes.



### Saliva Collection

Determining antibodies against COVID-19 virus present in saliva



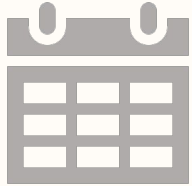
# COVID-19

COVID-19 is a viral respiratory illness caused by a coronavirus called SARS-associated coronavirus-02 (SARS-CoV-02). Since its emergence in China in December 2019, COVID-19 has rapidly spread.



## Nursing Home Testing

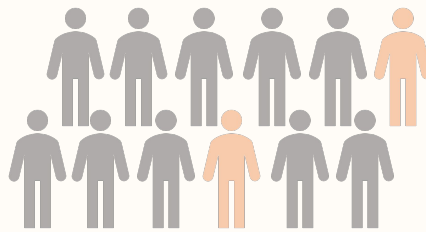
The congregate nature and resident population exposes nursing home populations and staff to a high risk of being affected by COVID-19. To protect both residents and healthcare personnel, nursing home staff was tested for active COVID-19 infection.



**3 Days**



**In-house testing**

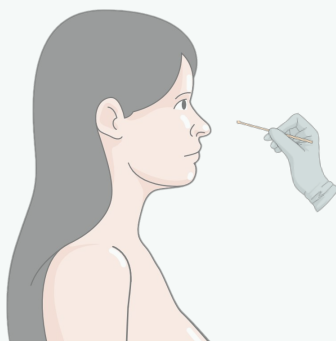


**54 Participants**

### Nasal Swab

PCR test to detect genetic material of the COVID-19 virus

**MORE INFO ...**



COVID-19 is a viral respiratory illness caused by a coronavirus called SARS-associated coronavirus-02 (SARS-CoV-02). Since its emergence in China in December 2019, COVID-19 has rapidly spread.



## What?

## Who?

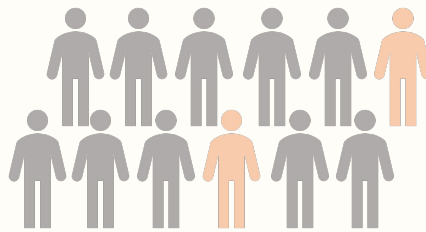
## Why?



**Timeframe**



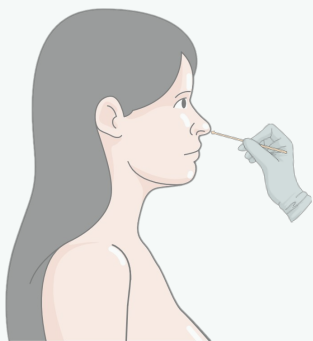
**Set Up**



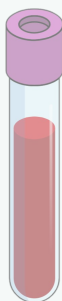
**Participants**

## Methodologies

**Nasal Swab**



**Blood Draw**



**Rapid Antibody Testing**



**Saliva Collection**

