

VIRTUAL



COMMUNITY

CONVERSATIONS

with Dr. Lynne Ogawa

Join the Ramsey County
Medical Director for monthly
conversations about COVID-19
and how to protect yourself.

COVID-19 Testing

October 28, 2020



RAMSEY COUNTY



Disclaimers

- This Community Conversation is being recorded.
- We are recording for documentation and language/translation purposes.
- We cannot get into specifics about client cases or discuss private and confidential information about residents we serve on this call.

Agenda

- Housekeeping
- Opening Remarks – RECERT
- COVID-19 Testing Overview - Dr. Ogawa
- Discussion with Community
- Closing

Community Conversation Agreements

- Keep your phone and/or device on mute if you are not speaking.
- Listen actively -- respect others when they are talking.
- Speak from your own experience instead of generalizing ("I" instead of "they," "we," and "you").
- Do not be afraid to respectfully challenge one another by asking questions but refrain from personal attacks -- focus on ideas.
- Participate to the fullest of your ability -- community growth depends on the inclusion of every individual voice.
- The goal is not to agree -- it is to gain a deeper understanding.
- Step up and Step Back!

Community Conversation Purpose

- Answer questions from the community about Ramsey County's Public Health response, resources and services during the COVID-19 response.
 - Ramsey County will work to act on and be responsive to the needs and questions of community through action, follow-up, and updates on progress.
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Covid-19 Testing

1. Molecular testing
2. Rapid antigen testing
3. Antibody testing

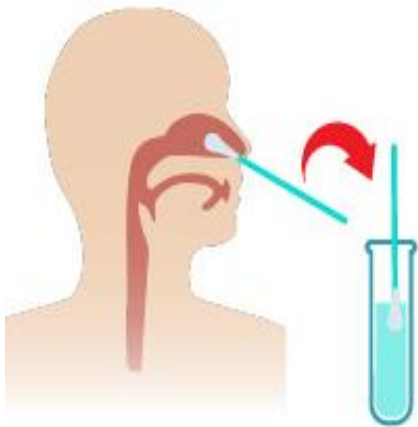
Covid-19 Testing

- ❖ **Molecular tests**: also known as nucleic acid amplification, genetic, RNA or PCR tests.
 - Extracts RNA from the sample and “amplifies” it
 - Samples – nasopharyngeal swab, sputum, saliva
 - Indicates infectiousness
 - Technology, time and reagent intensive

Covid-19 Testing

Molecular Tests (Nucleic Acid Detection)

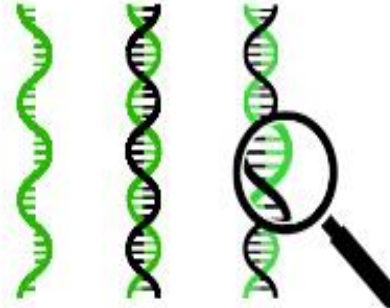
Diagnose active SARS-CoV-2 infections



1. Obtain Specimen:
Swab.



2. Extract RNA from
specimen and
convert to DNA.



3. Amplify by PCR with
SARS-CoV-2 specific
primers.



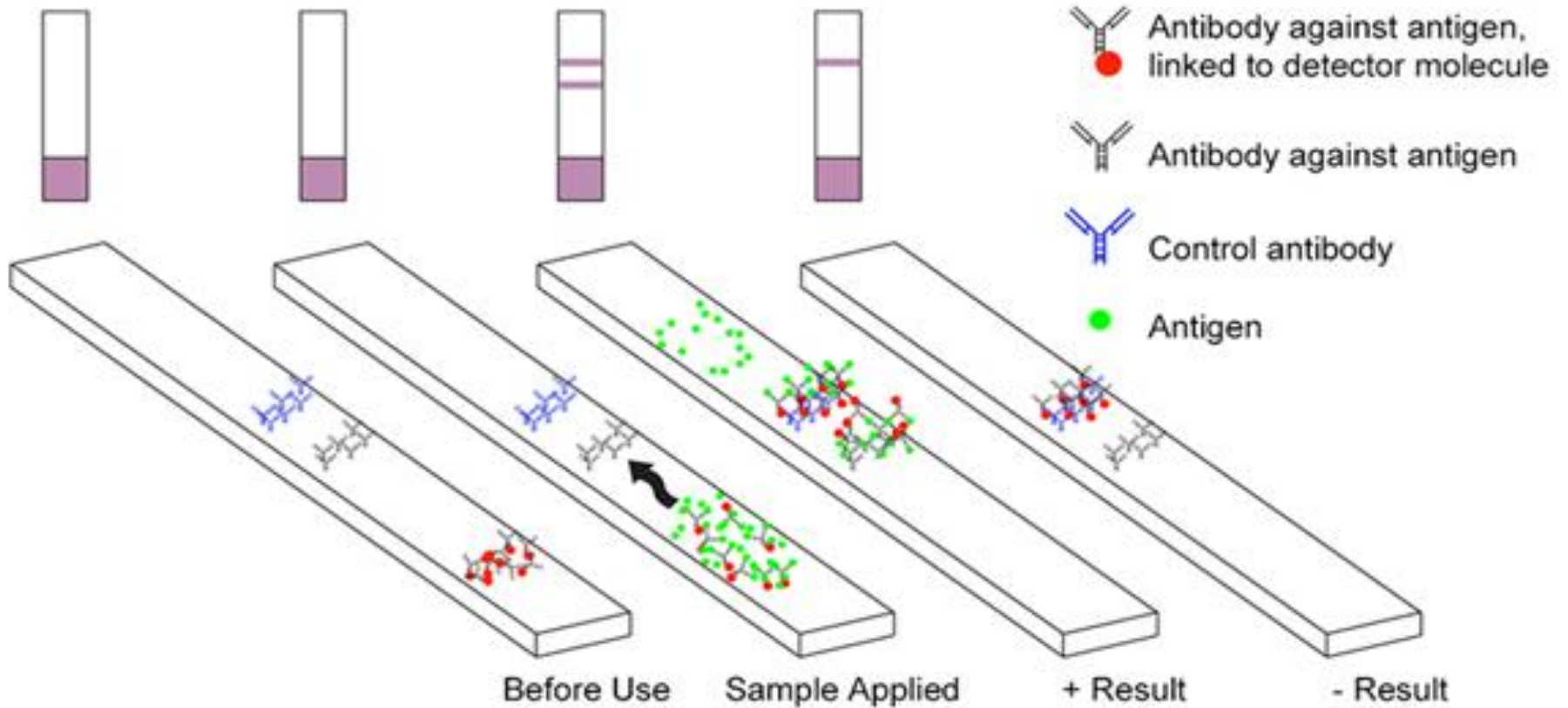
4. Interpret results:
presence of viral
RNA indicates
active SARS-CoV-2
infection.

Covid-19 Testing

❖ Rapid Antigen testing

- Identify certain viral antigens when present
- Samples – nasal swab
- Indicates infectiousness
- Work best when there is a lot of virus (symptomatic individuals)
- No fancy lab or equipment
- Take minutes to run

Covid-19 Testing



Adapted from: Ian M. Campell, https://commons.wikimedia.org/wiki/File:Diagnostic_Medical_Dipstick.png

Covid-19 Testing

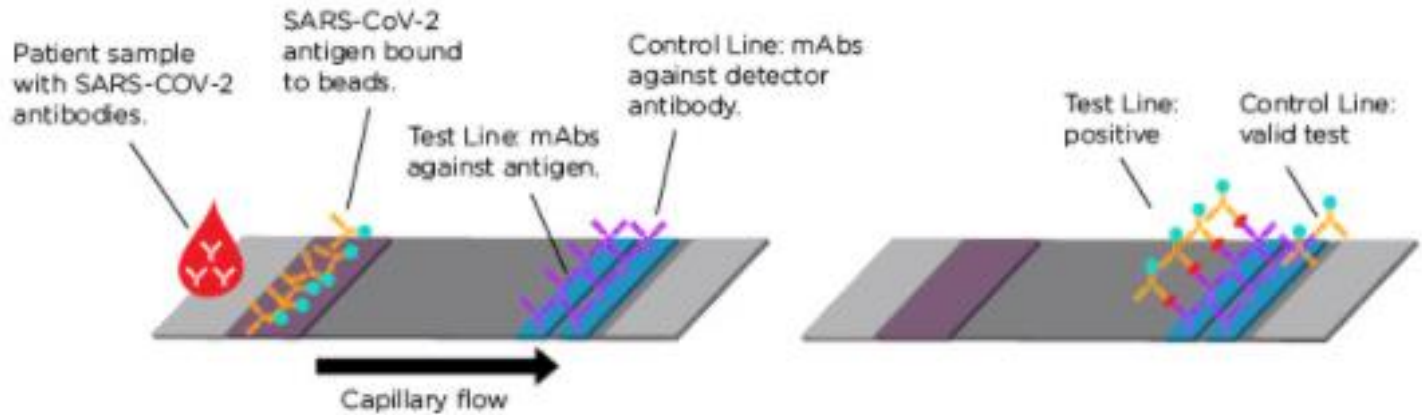
❖ Antibody testing: also known as serology testing

- Checks the patient's blood for antibodies
- Sample: blood
- Shows possible past infection

Covid-19 Testing

Antibody Tests (Serology)

Detect immune response to SARS-CoV-2 exposure



1. Obtain Specimen:
Blood Sample.

2. Expose specimen to
SARS-CoV-2 specific
antigens.

3. Interpret results:
color change indicates
previous exposure to
SARS-CoV-2.



FREE COVID Testing Sites

Register online at ramseycounty.us/testingsites

October 29 & 30 (2 - 6 p.m.)

United Church of God in Christ - 277 W. Lafayette Frontage Road, Saint Paul, MN 55107

October 31 (1 - 6 p.m.)

Aldrich Arena - 1850 White Bear Avenue, Maplewood, MN 55109

November 4 (2 - 6 p.m.)

Consulate of Mexico - 797 E 7th Street, Saint Paul, MN 55106

Questions for Dr. Ogawa

Upcoming Conversations with Dr. Ogawa

- November 18th – 4pm-5pm via ZOOM
- December 16th – 4pm-5pm via ZOOM

For more information visit:

<https://www.ramseycounty.us/covid-19-info/covid-19-racial-equity-community-engagement>

Future Topics

Please let us know what topics you'd like to discuss in the future with Dr. Ogawa

Email us at: racialeguity@ramseycounty.us



*A county of excellence working with
you to enhance our quality of life.*

Thank you!

Contact Information:
racialequity@ramseycounty.us