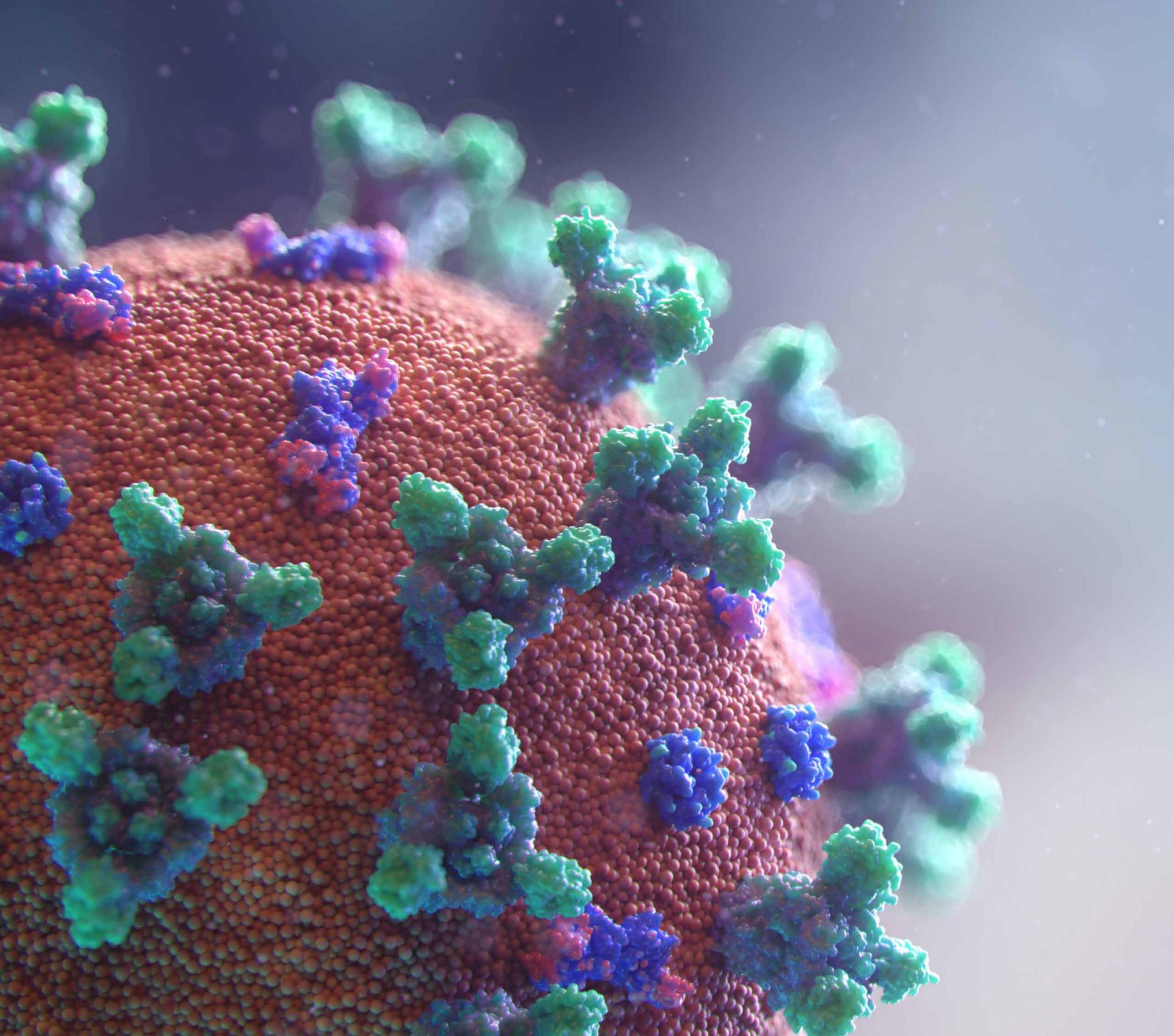




# Boson Rapid SARS-CoV-2 Antigen Test Device

Health Canada IO Number: 323096





## **Intended Use**

Rapid SARS-CoV-2 Antigen Test Card is a lateral flow immunoassay intended for the comparative detection of nucleocapsid protein from SARS-CoV-2 in NP swab specimens. Samples are to be collected within 7 days of symptom onset by professional healthcare providers in response to individuals reporting suspected symptoms of COVID-19.

# Product Features



## High Accuracy

Straight forward nasopharyngeal swab collection with clinically proven high accuracy results



## Affordability

Any qualified Health Care professionals can easily use our three-step, cost-effective portable testing kit



## Easy to Use

Testing can be easily administered in almost any environment without additional special equipment. Easy to transport with no special storage requirements, a test kit is all you need.



## Rapid Result

Compared to standard RT-PCR tests which could take multiple days for patients to receive their results, Boson Antigen testers will show results within 15–20 minutes.

## Product Information

<b>Quantity</b>	20 tests/kit
<b>Sample type</b>	Nasopharyngeal swab
<b>Storage temperature</b>	4–30°C
<b>Shelf life</b>	18 months
<b>Test time</b>	15–20 minutes (do not read results after 20 minutes)



# Kit Contents: Everything needed to run a test

## Materials Provided in Each Kit:

- 20 Rapid SARS-CoV-2 Antigen Test Cards (Individually packaged)
- 2 Sample Buffer
- 20 Sterilized swabs (Individually packaged)
- 20 Extraction tubes (Individually packaged)
- 1 Instructions for use
- 1 Tube rack (for 6 tubes/rack)



# Specifications

**97.46%**

**ACCURACY**

**93.75%**

**SENSITIVITY**

**98.04%**

**SPECIFICITY**

# International Approval Standard



# Who is it for?



## Personal Care Services

Dentists, Chiropractors, RMT's  
Personal Services – Hair and  
Aesthetic Salons



## Hospitality and Events

Hospitality  
Events Sector  
Restaurants  
Hotels



## Production and Transportation

Warehouses  
Manufacturing Plants

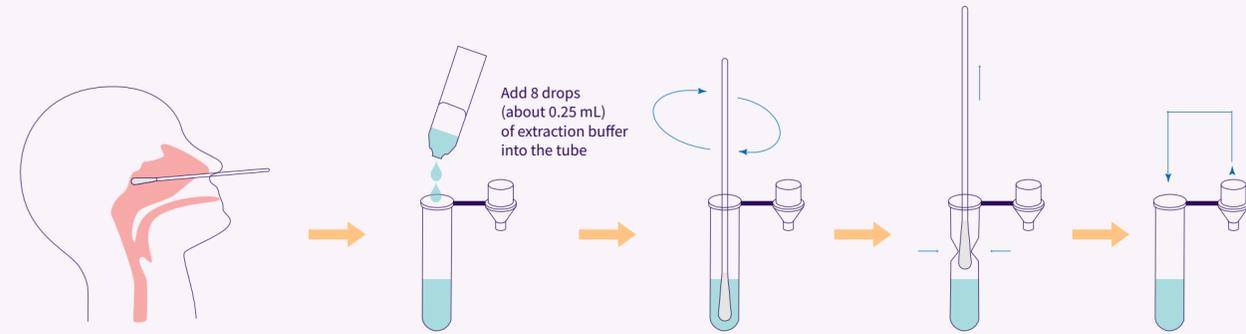


## Public Sector Facilities

Schools  
Nursing Homes  
Prisons  
Government Buildings

# Specimen Preparation

1. Carefully insert the swab into the nasal cavity to the nasopharynx.
2. Add **8 drops (about 0.25 mL)** of extraction buffer into the extraction tube.
3. Place the swab with specimen into the extraction tube. Roll the swab three to five (3–5) times. **Leave the swab in the extraction buffer for 1 minute.**
4. Pinch the extraction tube with fingers and remove the solution from the swab as much as possible. Dispose of the used swab in accordance with your biohazard waste disposal protocol.
5. Install the nozzle cap onto the sample extraction tube tightly. Use extraction solution as test specimen.



## Procedure

1. Bring the kit components to room temperature before testing.
2. Open the pouch and remove the card. Once opened, the test card must be used within 1 hour. Label the test card with patient identity.
3. Invert the extraction tube and add **2–3 drops (about 75  $\mu$ L)** of test specimen into the specimen well (S) by gently squeezing the extraction tube. The formation of air bubbles in the specimen well (S) must be avoided.
4. Read the results at **15–20 minutes.**

**Note: Results after 20 minutes may not be accurate.**

## Result Interpretation



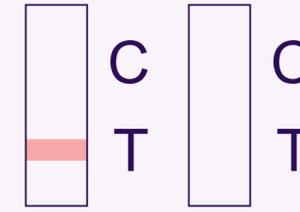
### Positive

If two coloured bands appear within 15–20 minutes with one coloured band in the Control Zone (C) and another in the Test Zone (T), the test result is positive and valid. No matter how faint the coloured band is in the Test Zone (T), the result should be considered as positive. A positive result does not rule out co-infections with other pathogens.



### Negative

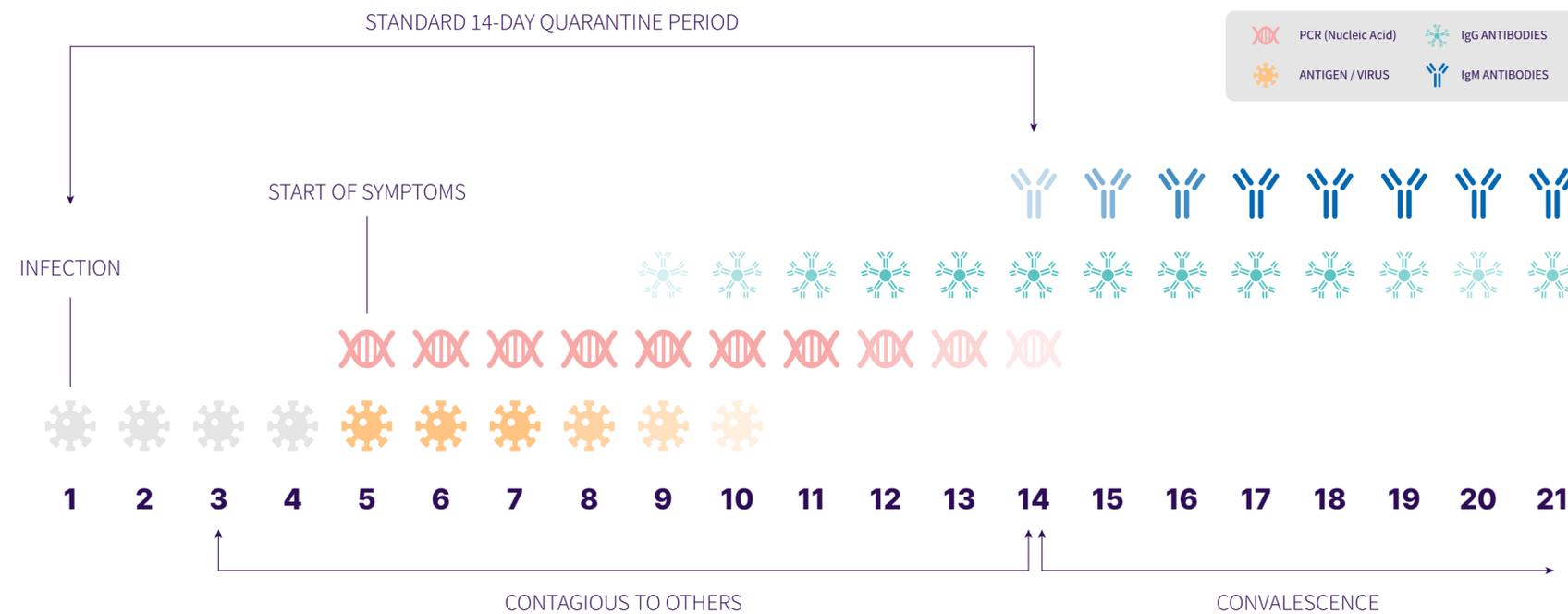
If one coloured band appears in the Control Zone (C) and no coloured band appears in the Test Zone (T) within 15–20 minutes, the test result is negative and valid. A negative result does not exclude SARS-CoV-2 viral infection and should be confirmed by molecular diagnostic method if COVID-19 disease is suspected.



### Invalid Result

The test result is invalid if there is no coloured band in the Control Zone (C) within 15–20 minutes. Repeat the test with a new test device.

## Detection Window





## Contact Us

Contact us to find out more about the product.

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