

# COVID-19 Antigen Rapid Test (Nasopharyngeal Swab)

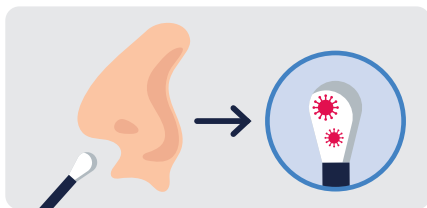
- **Patient Management:** Fast decision-making
- **Does not require lab processing:** No equipment required
- **Quick, simple to use:** Convenient. Read by eye. 15 minutes to result
- **Ready-to-use:** Collection tubes contain extraction buffer
- **Reliable and accurate:** Sensitivity: 94.7% Specificity: 99.7%
- **Inexpensive compared to lab test**

Test can be performed by doctors, nurses, school nurses, medical assistants and technicians, pharmacists, employer occupational health specialists, and more with minimal training and a patient prescription.

## Results

### OF THE TEST

Line appearing in the test area represents the presence of SARS-CoV-2 in specimens.



Can be used as a first line of defense to identify people who are currently infected and who should isolate themselves to help prevent the spread of the disease.

## Performance

### SENSITIVITY AND SPECIFICITY

The Biomerica COVID-19 Antigen Rapid Test was compared with a commercial PCR test. The results show that the test has high combined sensitivity and specificity:

Method:	RT - PCR		Total Results	
	Results	Positive		Negative
COVID-19 Antigen Rapid Test Cassette (Nasopharyngeal Swab)	Positive	143	1	144
	Negative	8	296	304
<b>Total Results</b>		151	297	448

**Relative Sensitivity:** 94.7% (95%CI\*: 89.8% - 97.7%)

**Relative Specificity:** 99.7% (95%CI\*: 98.1% - 99.9%)\*\*

**Accuracy:** 95.0% (95%CI\*: 96.2% - 99.1%)

\*Confidence Intervals

\*\*Specificity study contains n=147 asymptomatic individuals without known exposure to SARS-CoV-2