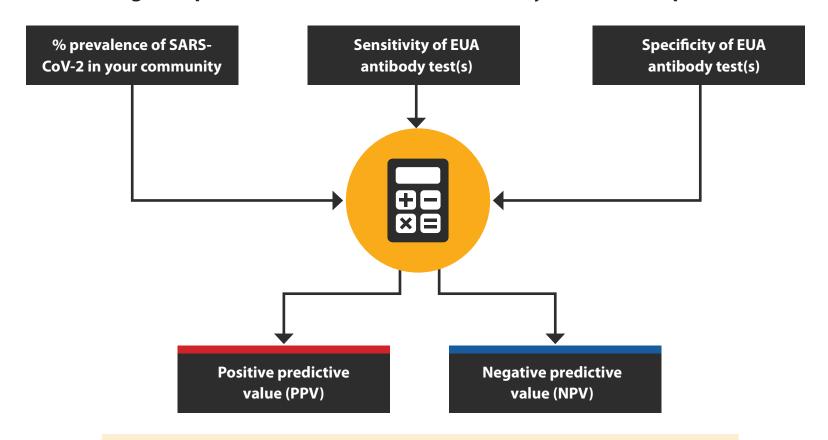
Use the FDA Calculator to Select a COVID-19 Antibody Test for Your Community

Enter the following into the FDA Calculator to calculate the positive predictive value (PPV) and negative predictive value (NPV) for 1 antibody test or 2 independent tests.

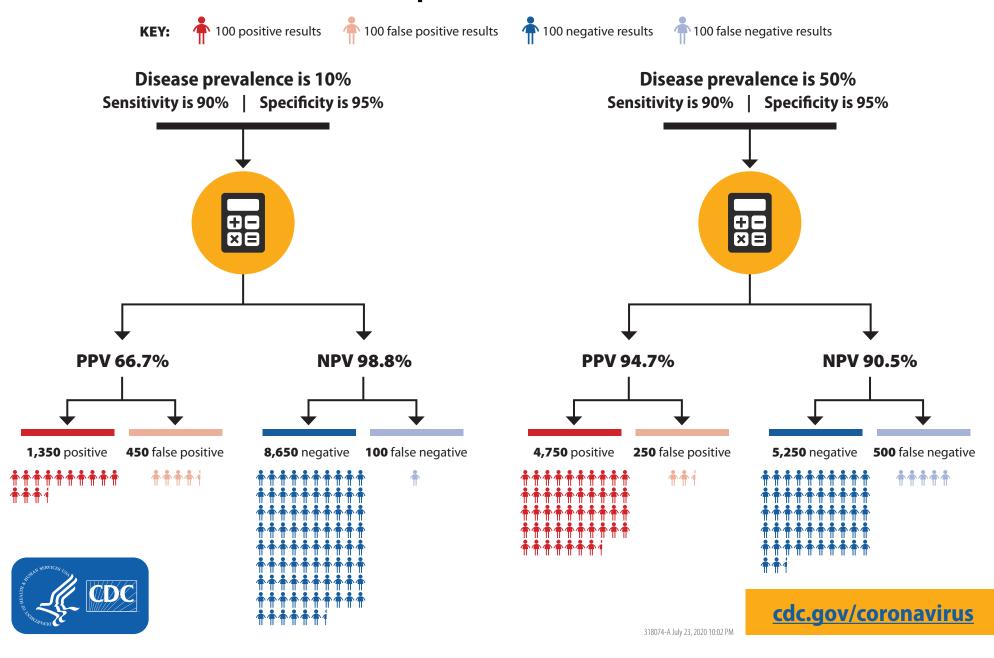


- ► Lower sensitivity and specificity = lower PPV and NPV
- ► Lower disease prevalence = more false positive results and fewer false negative results
- ► Higher disease prevalence = fewer false positive results and more false negative results



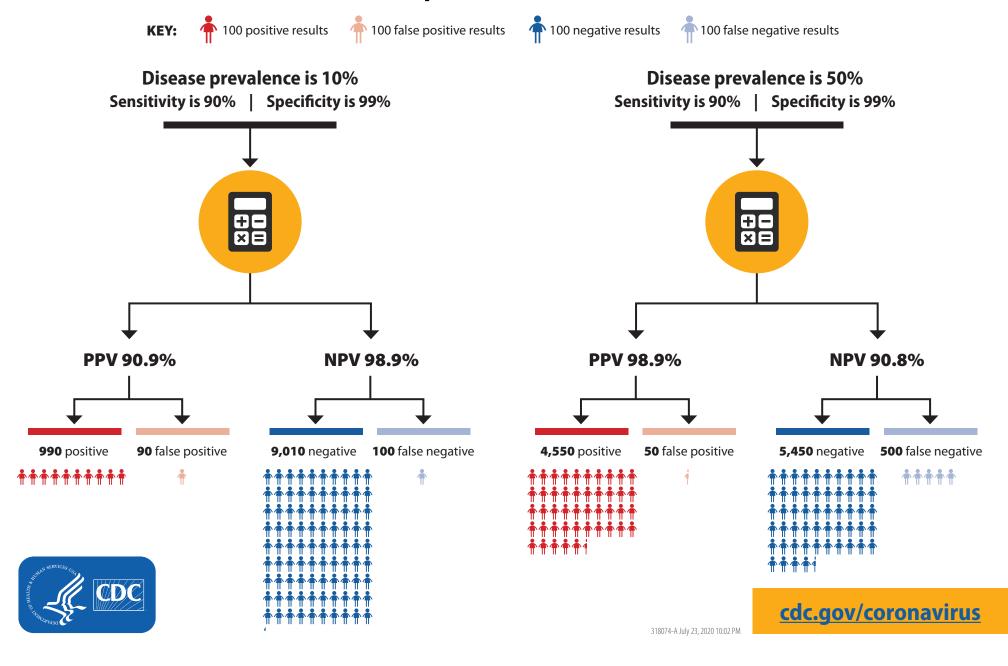
Example 1: Comparisons of Disease Prevalence Rates & Testing Outcomes for Test with 95% Specificity

Population: 10,000



Example 2: Comparisons of Disease Prevalence Rates & Testing Outcomes for Test with 99% Specificity

Population: 10,000



Use the FDA Calculator to Select a COVID-19 Antibody Test for Your Community

Glossary

- ▶ **Positive Predictive Value (PPV):** Probability that people who test positive are truly positive.
- ▶ **Negative Predictive Value (NPV):** Probability that people who test negative are truly negative.
- **Sensitivity:** Ability of the test to correctly identify those with the disease (true positive rate).
- **Specificity:** Ability of the test to correctly identify those without the disease (true negative rate).

