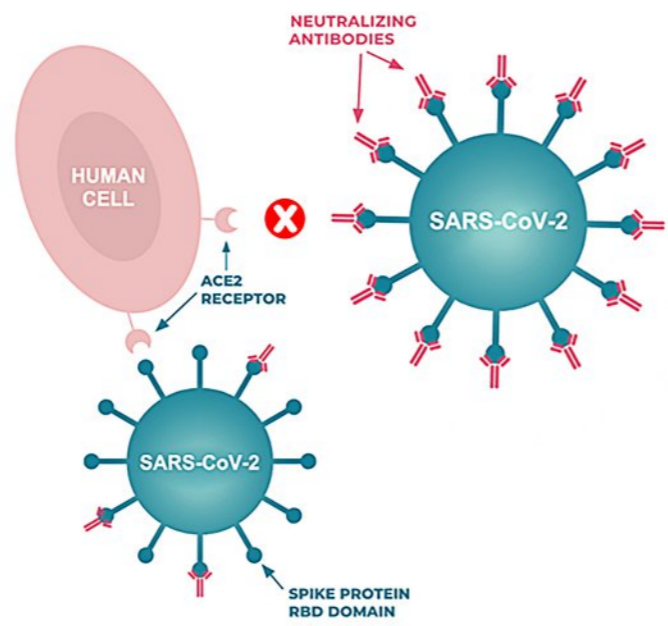




# COVID-19 Neutralization Antibody Rapid Test Cassette (WB/S/P)

The binding interaction between receptor binding domain (RBD) of the SARS-CoV-2 spike protein and the cell surface receptor ACE2 can cause the COVID-19 infection. Neutralizing antibodies can efficiently stop the infection by blocking the interaction between the SARS-CoV-2 virus and the host cells.

The COVID-19 Neutralization Antibody Rapid Test Cassette (WB/S/P) manufactured by Clongene is intended for evaluating the effect of vaccination and identifying the recent or prior infected individuals.

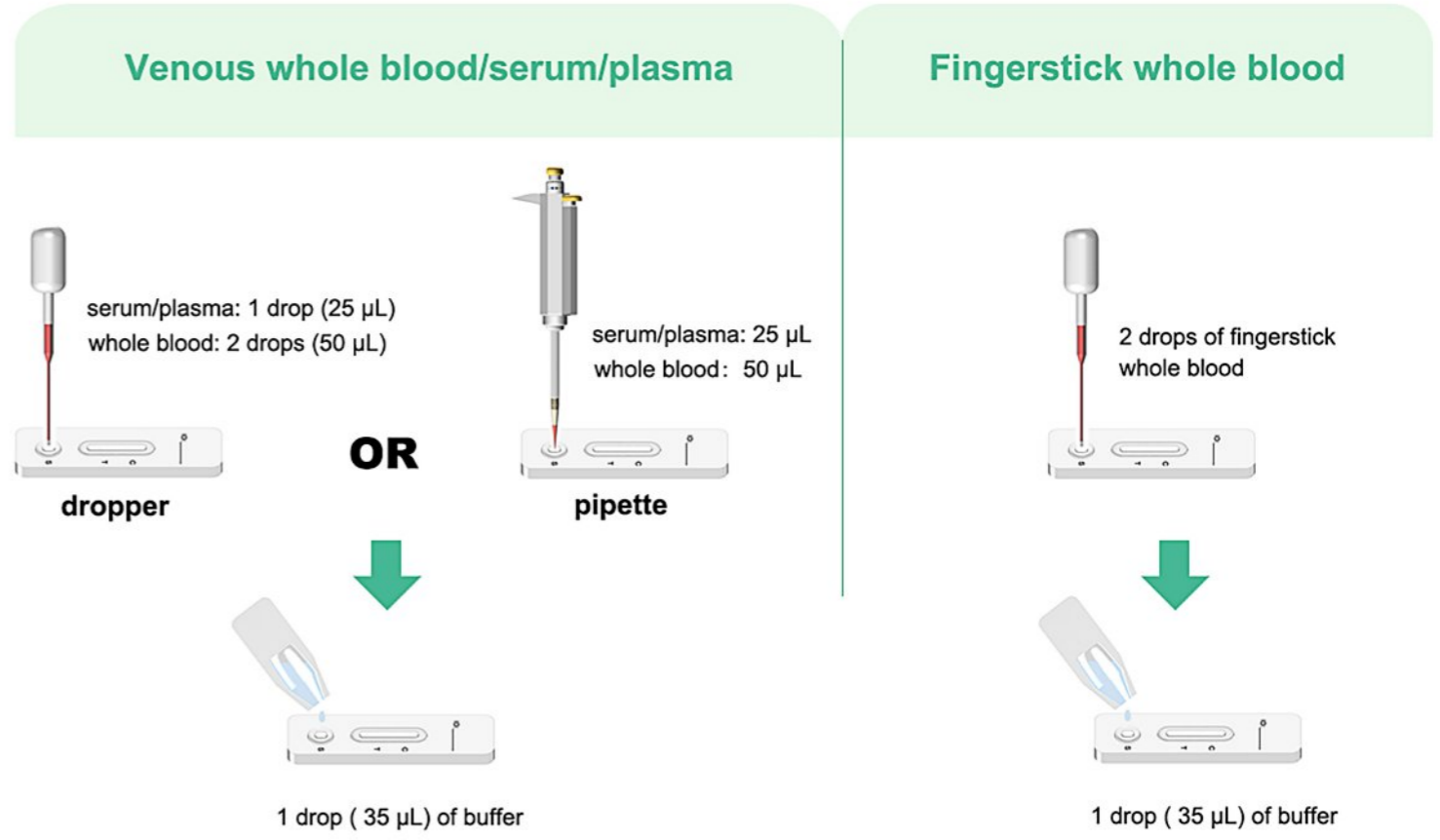


## PRODUCT FEATURES

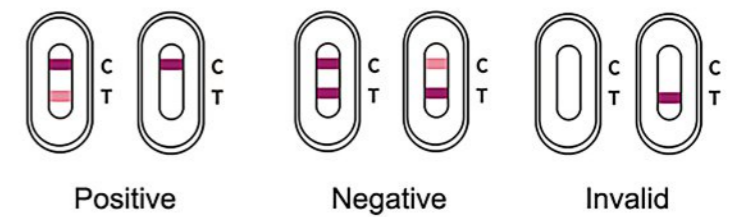


- **Target:** Neutralizing antibodies to SARS-CoV-2
- **Sample:** Venous whole blood, serum, plasma and fingerstick whole blood
- **Quick:** Results can be read at 15 minutes
- **Results:** Accurate and reliable
- **Simple:** No equipment required
- **Valid:** 24 months

## TEST



## Interpretations of Results



## PRODUCT PERFORMANCE

COVID-19 Neutralization Antibody Rapid Test	Plaque Reduction Neutralization Test (PRNT <sub>50</sub> )		Total
	Positive	Negative	
CLUNGENE®	Positive	60	62
	Negative	2	156
<b>Total</b>	<b>62</b>	<b>156</b>	<b>218</b>

Clinical study compare Plaque Reduction Neutralization Test

**Positive Percent Agreement (PPA):** 96.8% (60/62)  
 95%CI: 88.98%~99.11%

**Negative Percent Agreement (NPA):** 100.0% (156/156)  
 95%CI: 97.60%~100.00%

# of people vaccination	COVID-19 Neutralization Antibody Rapid Test		
	# of positive results	PPA	95% CI
26	26	100.0%	87.13%~100.00%

Clinical study in vaccinated individuals

Samples were collected two weeks after vaccination.