

The test results of the COVID-19 N antibody against the N antigen of different mutant strains

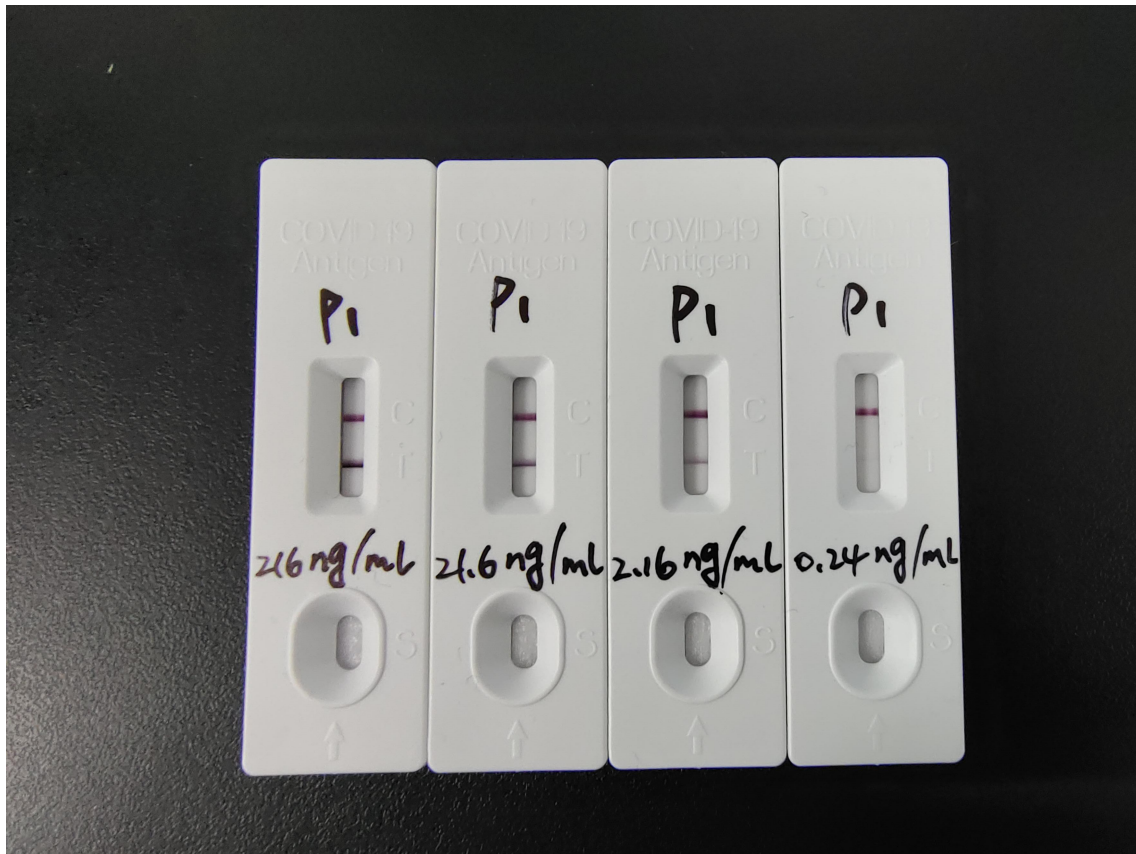
Experimental purposes: Verification of the detection of the COVID-19 N antibody against the N antigen of different mutant strains

Experimental Materials

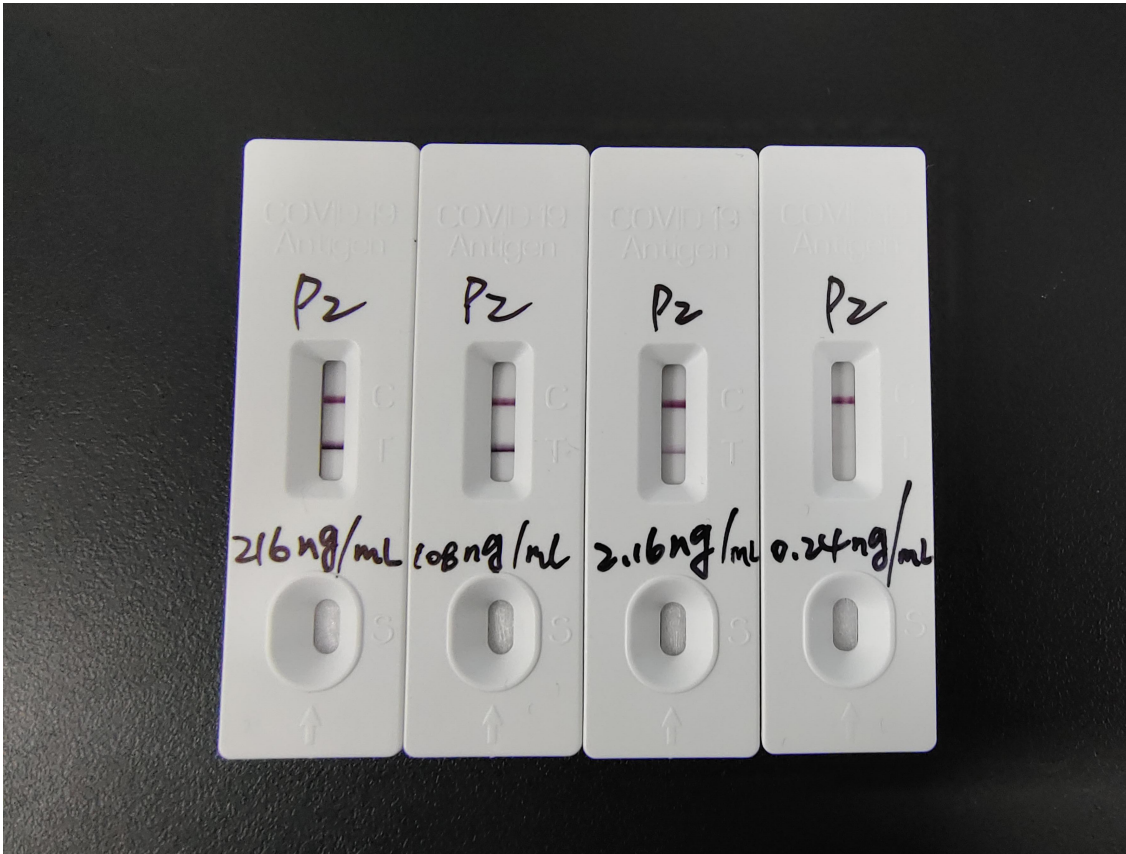
1. Utilize COVID-19 antibody test strips made by double antibody sandwich method.
2. N Recombinant Protein of wild strain; α -mutant N recombinant protein; Delta-mutant N recombinant protein; Lambda-mutant N recombinant protein; Omicron-mutant N recombinant protein;
3. Covid-19 Antigen detection sample extraction liquid;

Experimental method: Test strips made of Covid-19 N antibody verify the detection effects of different mutant strains at different concentrations

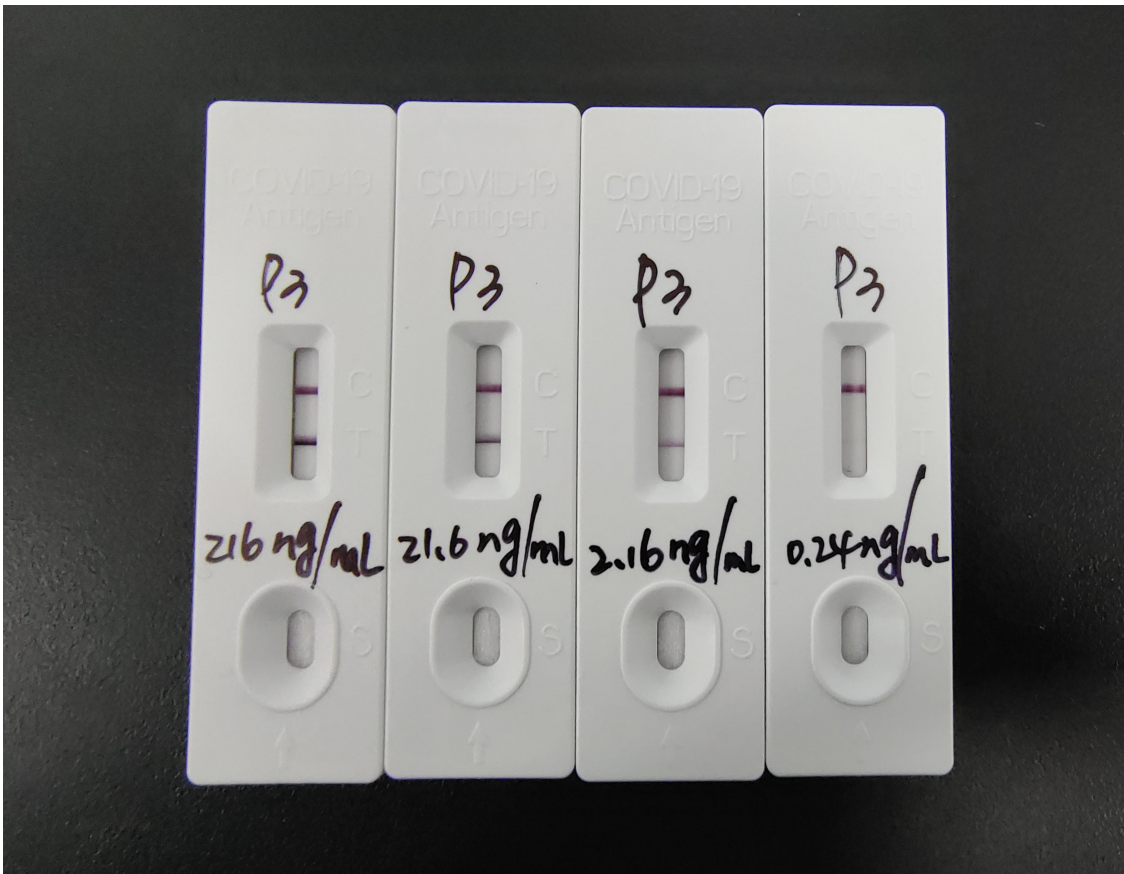
Experimental result:



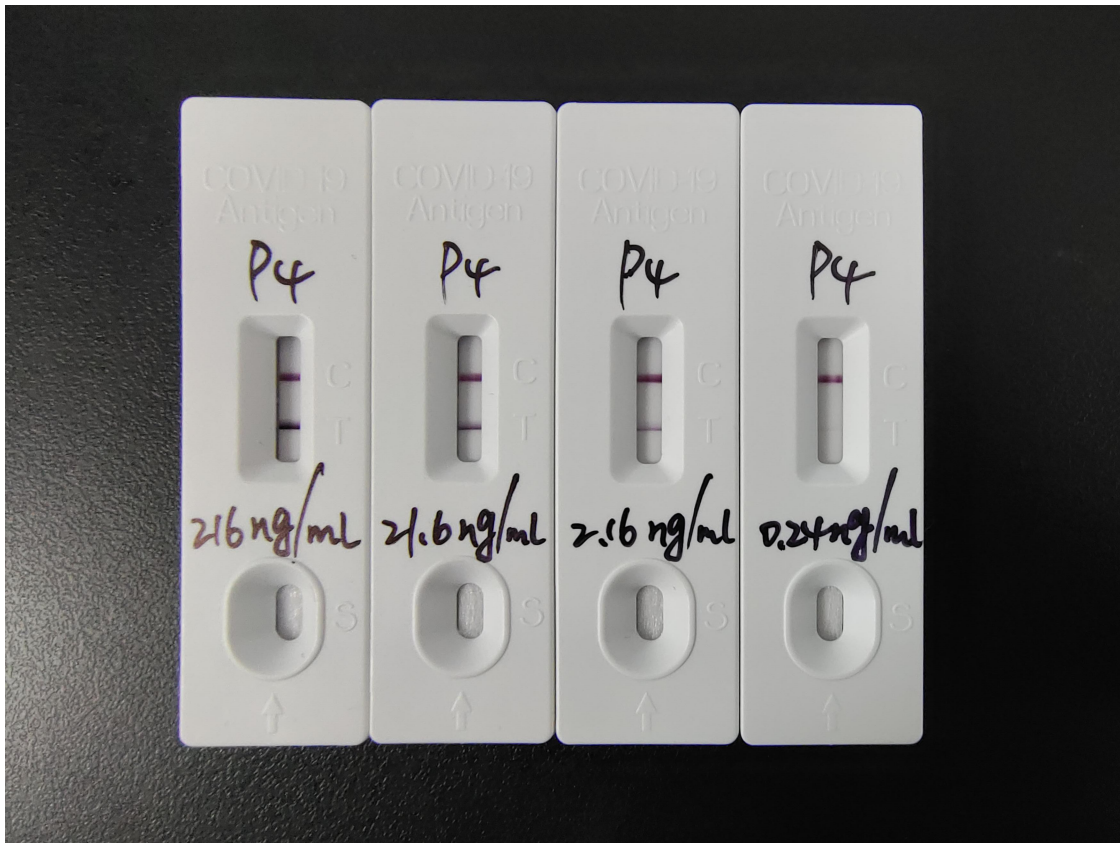
N Recombinant Protein of wild strain



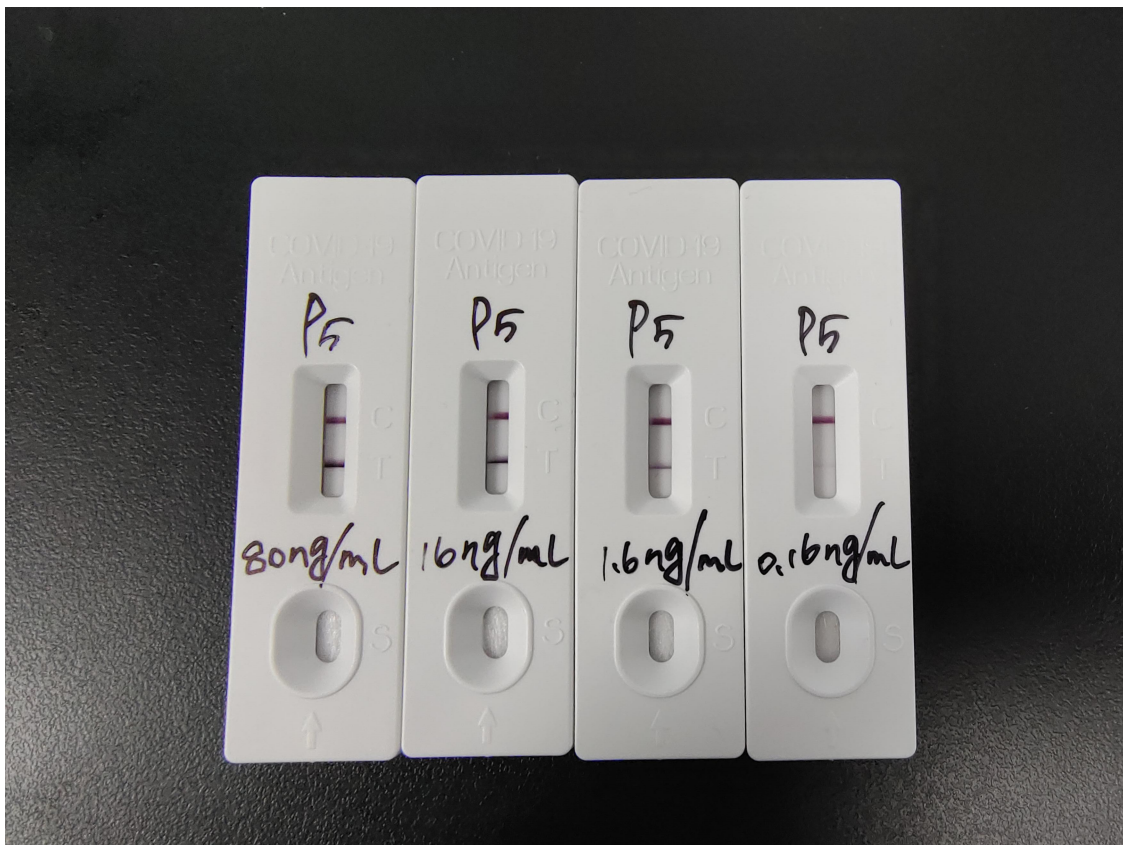
α -mutant N recombinant protein



Delta-mutant N recombinant protein



Lambda-mutant N recombinant protein



Omicron-mutant N recombinant protein

Experimental conclusion:

COVID-19 N Antibody is tested by different concentrations of wild-type COVID-19 N protein

recombinant antigen, α -COVID-19 N protein recombinant antigen, Delta-COVID-19 N protein

recombinant antigen, Lambda-COVID-19 N protein recombinant antigen, Omircon-COVID-19 N protein recombinant antigen and all the results are detectable.