Rapid column Ag test

Anne Berking

Berking Biotechnology

ABSTRACT
The "Rapid Ag test based on Alpaca Nanobodies" is a test developed with single domain antibodies. This type of antibody is capable of effectively recognize the Spike protein on the surface of SARS-CoV2 leading a signal that is 10 times stronger than conventional antibodies.

It takes only 16 minutes from sample to result. The procedures for using this test were designed to ensure an easy use and interpretation, making it a quick and simple test.

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### SAFETY WARNINGS

**DISCLAIMER – FOR INFORMATIONAL PURPOSES ONLY; USE AT YOUR OWN RISK**

Please, wear the correct personal protection equipment (i.e. gloves) and wash your hands immediately after removing the gloves.

When working with human saliva and other human bodily fluids, there may pathogens present.

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**BEFORE STARTING**

Please follow this protocol in order to use "The Alpaca Nanobodies Rapid Ag test" correctly and get the accurate results.

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#### Sample Collection

<table>
<thead>
<tr>
<th>Step</th>
<th>Time</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5m 30s</td>
<td>Add 3 mL of collection buffer to sample collection tube and collect saliva in sample collection tube (3-5mL) wait 5 minutes</td>
</tr>
</tbody>
</table>

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Sample Analyse 6m 50s

2 Mix binding buffer tube, load 1 drop of binding buffer into Column connected to a vacuum device 30s

3 Load sample into column, turn on vacuum device, and let sample go through column wait 5 minutes 5m 30s

4 Add 12 mL of washing buffer 1, turn on vacuum device, and let washing buffer go through column 15s

5 Add 6 mL of washing buffer 2, turn on vacuum device, and let washing buffer go through column 15s

6 Add 12 mL of washing buffer 1, turn on vacuum device, and let washing buffer go through column 15s

7 Add 1 drop of developing solution 5s

Analysis of the Result 5m

8 Wait 5 min to visualize reaction 5m
   blue color = positive, white color = negative

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