SARS-CoV-2

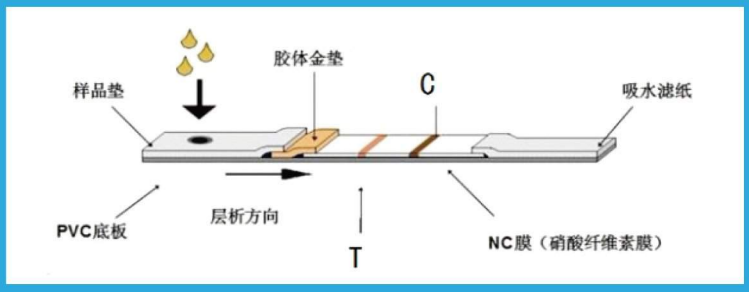
ANTIGEN RAPID DETECTION KIT

(COLLOIDAL GOLD METHOD)

TEST PRINCIPLCE

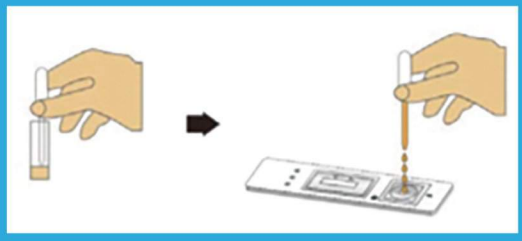
1.a burgundy colored conjugate pad containing mouse anti-novel coronavirus nucleoprotein monoclonal antibody conjugated with colloidal gold and a control antibody conjugated with colloidal gold;

2.a nitrocellulose membrane strip containing one test lines (T lines) and a control line (C line). The T line is pre-coated with antibodies for the detection of novel coronavirus nucleoprotein, and the C line is pre-coated with a control line antibody.



SIMPLE SAMPLE PREPARATION PROCEDURE

1. Insert the sample tube into the workstation in this product. Make sure that the tube is standing firm and reaches the bottom of the workstation .
2. Insert the swab into the sample tube which contains the extraction buffer.
3. Roll the swab at least 6 times while pressing the head against the bottom and side of the sample tube.
4. Leave the swab in the sample tube for 1 minute.
5. Squeeze the tube several times with fingers from outside of the tube to immerse the swab. Remove the swab. The extracted solution will be used as test sample



ANTI-INTERFERENCE ABILITY

at the concentrations tested, the substances studied do not affect the performance of the Novel Coronavirus IgG/IgM Combo Rapid Test.

List of potentially interfering substances and concentrations tested:

Albumin	60 g/L	Bilirubin	20 mg/dL	Hemoglobin	2 g/L
Acetominophen	20 mg/dL	Creatinine	442 μmol/L	Heparin	3,000 U/L
Atropine	20 mg/dL	Sodium	3.8%	IgG	1,000 mg/dL
Aspirin	20 mg/dL	Caffeine	20 mg/dL	Glucose	55 mmol/L
Ascorbic acid	20 mg/dL	EDTA	3.4 μmol/L	Salicylic acid	4.34 mmol/L

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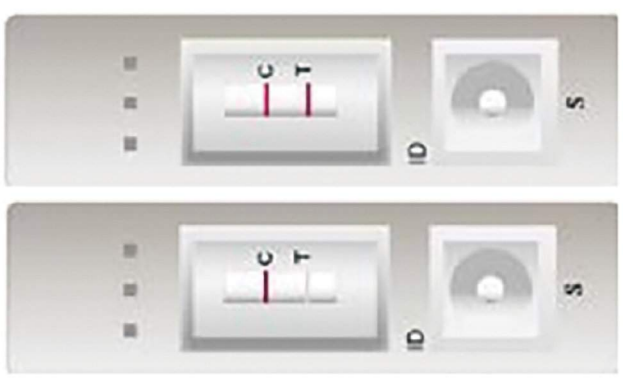
SARS-CoV-2

ANTIGEN RAPID DETECTION KIT

(COLLOIDAL GOLD METHOD)

SHORT DETECTION TIME 15-20 minutes

SARS-CoV-2 Antigen Rapid Detection Kit (Colloidal Gold Method) detects the nucleoprotein of novel coronavirus in human nasopharyngeal swab sample. It can be performed within 15-20 minutes by minimally skilled personnel without the use of laboratory equipment.



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