

# MERS-CoV Ag

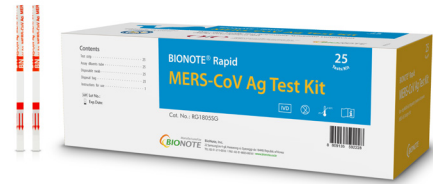


World Organisation  
for Animal Health  
Founded as OIE

## Middle East Respiratory Syndrome antigen

Middle East Respiratory Syndrome (MERS) is a viral respiratory illness first reported in Saudi Arabia in 2012. It is caused by a coronavirus called MERS-CoV. The emergence of MERS-CoV is not yet fully understood. Although not confirmed, camels are considered to be a potential source of infection in humans. The polymerase chain reaction (PCR) test is used to detect, diagnose and confirm positive cases of MERS-CoV in camel. However, PCR tests require specialized instruments and trained laboratory personnel. The BIONOTE® Rapid MERS-CoV Ag test kit has been developed to provide fast and reliable test results for the detection of MERS-CoV antigen in nasal swabs of clinically infected camels.

Validated and certified by the WOA as fit for the purposes defined in the kit insert provided with this kit. Registration number 20160212



## Indications

- Field monitoring of MERS-CoV infection in dromedary camel

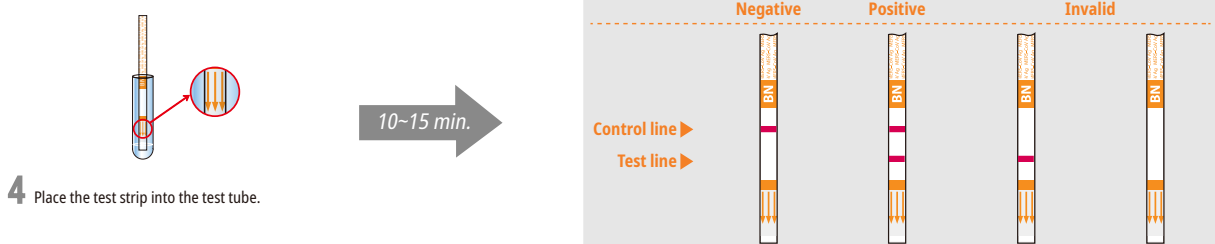
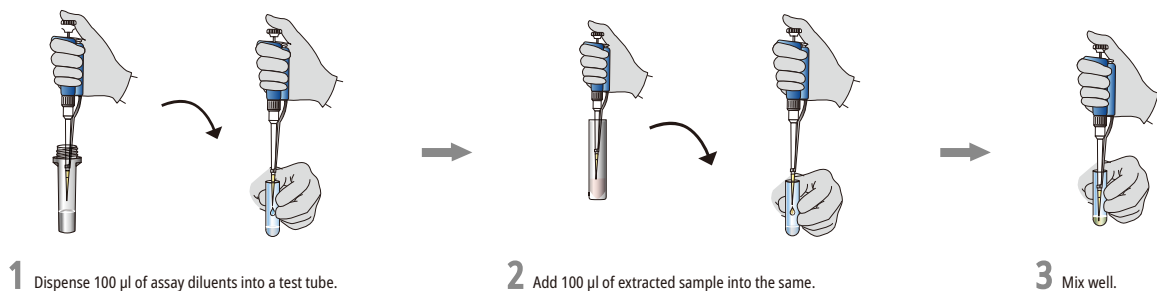
## Special Features

- Detection of MERS-CoV Antigen
- High correlation with RT-PCR
- Specimen: nasal swabs of dromedary camels
- Sensitivity: 93.9% vs. RT-PCR
- Specificity: 99.6% vs. RT-PCR

### Evaluation Result

BIONOTE® Rapid MERS-CoV Ag Test	Reference method (RT-PCR)		Performance Characteristics
	Positive	Negative	
Positive	62	2	Sensitivity (95%CI) 93.94%(85.20% to 98.32%)
Negative	4	521	Specificity (95%CI) 99.62%(98.63% to 99.95%)
Total	66	523	

## Test Procedures



## Ordering Information

Cat. No.	Description	Type	Packing size
RG1805SG	Rapid MERS-CoV Ag	Strip	1 Test x 25/Kit