

MERS-CoV Ag

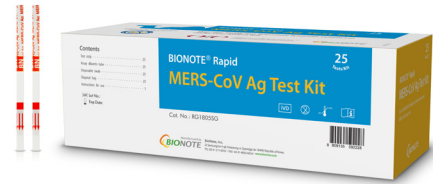


World Organisation
for Animal Health
Founded as OIE

Middle East Respiratory Syndrome antigen

Middle East Respiratory Syndrome (MERS) is viral respiratory illness first reported in Saudi Arabia in 2012. It is caused by a coronavirus called MERS-CoV. The source of MERS-CoV is not yet fully understood. Although not confirmed, camel is a probable source of infection transfer to humans. The polymerase chain reaction (PCR) test is used to detect and diagnose infectious disease and can confirm positive cases of MERS-CoV in camel. However, PCR test requires specialized instruments and laboratory personnel. BIONOTE® Rapid MERS-CoV Ag test kit has been developed to provide fast and reliable test results of MERS-CoV antigen.

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

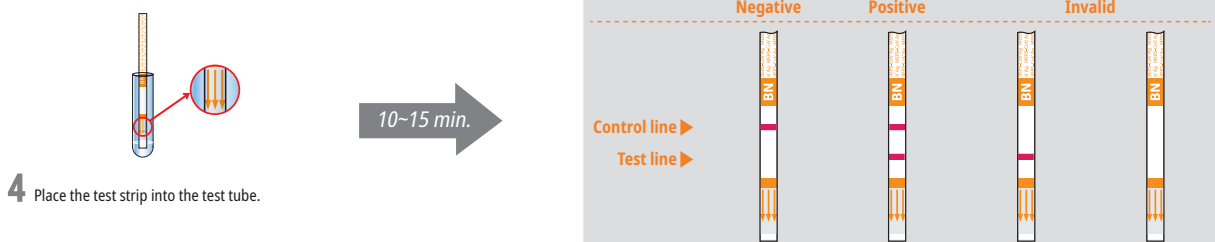
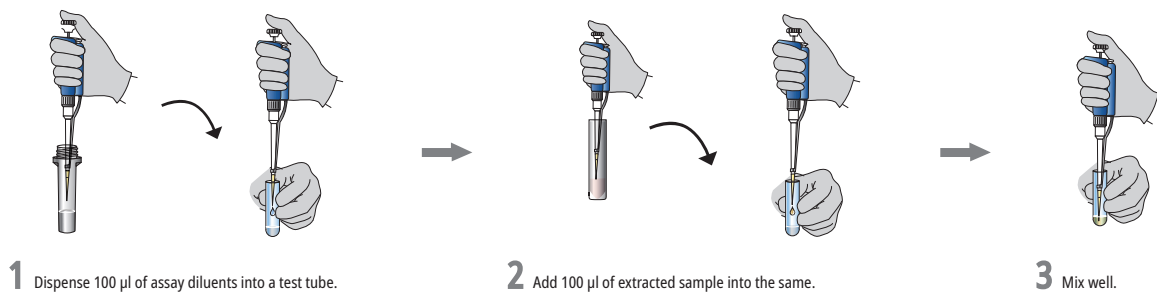
Special Features

- 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