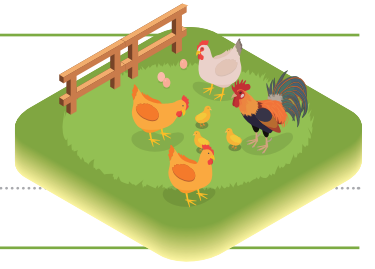


VDRG® AIV Ag Rapid kit 2.0



Avian Influenza Virus

Avian influenza refers to the disease caused by infection with avian (bird) influenza (flu) Type A viruses. Infected birds shed avian influenza virus in their saliva, mucous and feces. Although avian influenza A viruses usually do not infect people, rare cases of human infection with these viruses have been reported. This test kit, the diagnostic reagent can detect AIV antigens quickly and simply within 15 minutes after dropping the samples.

Introduction

- + **Intended use** : Detection of various subtypes of Avian influenza virus antigen
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Avian stool or rectums
- + **Component**
 - AIV Ag Rapid device
 - Sample dilution buffer
 - Swabs
 - Dropper Cap



Features

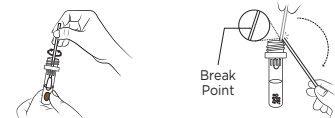
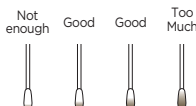
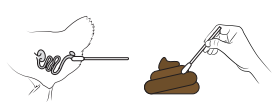
- + Clinical Sensitivity : 100% when the sample contained more than $10^{4.0}$ EID₅₀/mL (vs PCR)
- + Clinical Specificity : 99.5%
- + Detection of various subtypes of influenza virus
- + Available at field farm condition
- + Applicable both to highly pathogenic and low pathogenic avian influenza viruses
- + Cost effective diagnostic tool
- + Reliable quality based on AI technical revolution ver 2.0 and guaranteed by ISO9001:2015

Detection Limit

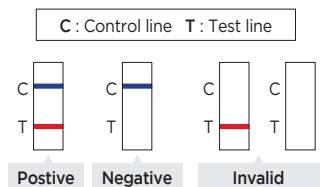
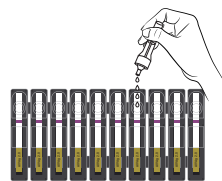
Serotype	Detection Limit	Evaluated at.
A/wild bird feces/Korea/KU-VI092474/2009[H5N2]	$1 \times 10^{4.3}$	Korea Univ.
A/Baikal teal/Korea/2406/2014[H5N8]	$0.5 \times 10^{3.0}$	
A/Madarin_duck/Korea/K16-187-3/2016[H5N6]	$0.5 \times 10^{3.0}$	Konkuk Univ.
A/duck/Korea/ES2/2016[H5N6]	$1 \times 10^{4.0}$	

Test procedure

- 1 Swab the feces from the stool or rectums using swabs.
- 2 Put the sample swab in a tube containing the sample diluent ,mix it 10 times, then cut the groove into the swab and cut off the rod, and let the head of the swab fall into the tube.



- 3 Attach the dropper cap to the tube containing the sample dilution solution and the cut swab to close it.
- 4 Add 4 drops of specimen to the sample hole of AIV Ag Rapid device.
- 5 Read test results after **15 minutes**.



Order Information

Cat No.	Product Name	Quantity
PP-AIV-12	VDRG® AIV Ag Rapid Kit 2.0	30 Tests/Box