

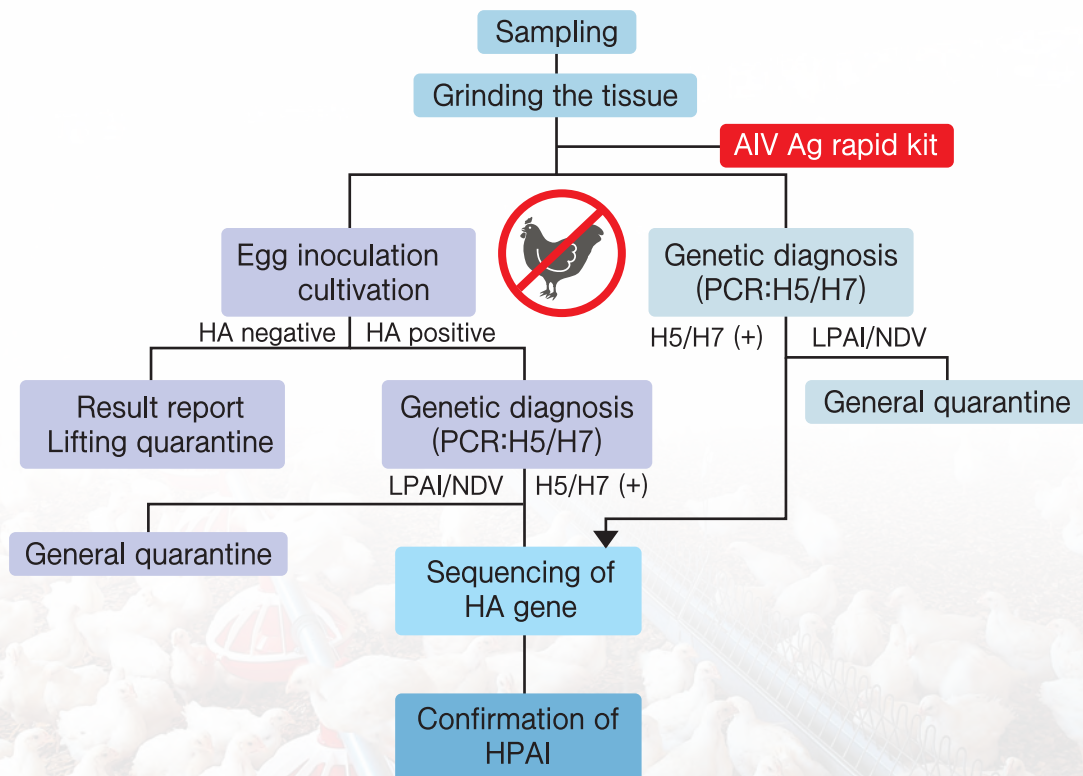
VDRG® AIV Ag Rapid kit 2.0



Advantages of VDRG® AIV Ag Rapid kit 2.0

- Rapid diagnosis of AIV infection: within 15 minutes
- 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

Diagnostic diagram of Highly Pathogenic Avian Influenza



VDRG[®] AIV Ag Rapid kit 2.0

Performances of VDRG[®] AIV Ag Rapid kit 2.0

- Detection limit

Serotype	Detection Limit[EID ₅₀ /ml]	Evaluated at.
A/wild bird feces/Korea/KU-VI092474/2009[H5N2]	1x10 ^{4.3}	Korea Univ.
A/Baikal teal/Korea/2406/2014[H5N8]	0.5x10 ^{3.0}	Konkuk Univ.
A/Madarin_duck/Korea/K16-187-3/2016[H5N6]	0.5x10 ^{3.0}	
A/duck/Korea/ES2/2016[H5N6]	1x10 ^{4.0}	

- Clinical Sensitivity: 100% when the sample contained more than 10^{4.0}EID₅₀/ml (comparing to PCR performance)
- Clinical Specificity: 99.5%
- Detection of various subtypes of influenza virus

Pathogenicity	Serotype	VDRG [®] AIV Ag 2.0 Test result	Evaluated at.
LPAI	A/wild bird feces/Korea/KU-VI092474/2009[H5N2]	Positive	Korea Univ.
	A/wild bird feces/Korea/KU-VI156211/15[H7N7]	Positive	
	A/wild bird feces/Korea/KU-VI135874/2012[H9N2]	Positive	
HPAI	A/Baikal teal/Korea/2406/2014[H5N8]	Positive	Konkuk Univ.
	A/Madarin_duck/Korea/K16-187-3/2016[H5N6]	Positive	
	A/duck/Korea/ES2/2016[H5N6]	Positive	
	A/Baikal teal/donglim/w854-5/2017[H5N6]	Positive	NIER
	A/Grey heron/w779/2017[H5N8]	Positive	

Order information

Cat. No.	Product name	Packing size
PP-AIV-12	VDRG AIV Ag Rapid kit 2.0	30 Tests/kit



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