

Fast + Simple
Focused on Veterinary Diagnostics

FASTest® AIV Ag ad us. vet.

On-site test for emergency diagnostics during epidemics and for the routine screening

Fast test for detection of Avian Influenza Virus Type A antigen (subtypes H1-H15) in feces or cloacal material of poultry, zoo- and wild bird stocks

Fast aetiological diagnostics
in feces or cloacal material

AIV exclusion diagnostics

Routine check

- On-site screening test
- Determination of AIV status

Testing of risk groups

- New members of unknown origin
- Uncontrolled bird stocks



- Simple procedure with feces or cloacal material
- Fast test interpretation after 20-30 minutes
- Reliable clinical diagnostics
- Sensitivity 100% & Specificity 100%
- Storage at room temperature (15-25°C)
- Long shelf life
- Compact test box with 20 tests



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Avian Influenza (Bird flu) is a notifiable disease in birds caused by Avian Influenza Virus Type A (family of Orthomyxoviridae) that infects chickens, turkeys, geese, ducks, wild water birds and other birds world-wide.

Clinical symptoms are mild (decrease of egg production and/or fertility) up to highly pathogenic variants with sudden death cases. The classical avian influenza, caused by the subtypes H5 and H7, is considered to be the severe form of avian influenza. Moreover, H5N1 is considered as elicitor of the avian influenza ("bird flu") in humans. In the classical avian influenza, the clinical symptoms develop suddenly and heavily (especially respiratory symptoms, bloody nasal and throat discharge as well as greenish diarrhoea, cyanoses and oedemata in the head region and on comb and wattles, changes in colour of thighs and feed due to ecchymosis) up to sudden deaths with mortality rates up to 100%.

FASTest[®] AIV Ag is suitable as screening test for the fast and simple detection of all AIV type A subtypes in suspicious poultry stocks. It is applicable on-site. This enables the veterinarian an on-site confirmation of the clinical suspicion as well as the immediate initiation of epizootic mandatory measures to prevent a threatening pandemic.

Test procedure



Introduce the swab into the cloaca or the feces and take as much sample material until the whole swab is covered



Immerse the coated swab into the buffer vial, filled with 1 ml buffer. Stir in the sample material until it is homogeneously mixed with the buffer



Absorb the sample-buffer mixture and dispense 10 drops into the test vial



Place the dipstick into the test vial

Test interpretation



POSITIVE



NEGATIVE



An on-site test of suspicious poultry stocks or of suspicious wild birds by law principally needs confirmatory analyses in a national reference laboratory commissioned for AIV diagnostics. This is considered to be necessary for a negative as well as for a positive **FASTest[®] AIV Ag**.

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