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SWINECHECK MP® APP 1-9-11, 2, 3-6-8-15, 4-7, and 5



PRODUCT CODE: TRM-557

DESCRIPTION

Swinecheck MP® APP assay is a multiplex immunoassay intended for determining the presence of antibodies to *Actinobacillus pleuropneumoniae* (APP) serogroups 1-9-11, 2, 3-6-8-15, 4-7, and 5 in swine serum.

SUMMARY AND EXPLANATION

Swinecheck MP® APP assay is a microsphere-based multiplexed fluorometric immunoassay (MFIA)-type antibody detection test. A total of 5 distinct microsphere sets (coated with either APP 1-9-11, APP 2, APP 3-6-8-15, APP 4-7, or APP 5 antigens) are incubated in diluted swine serum and then washed. Successive incubations with biotinylated anti-swine IgG (Detection Antibody) and streptavidin R-phycoerythrin (SA-PE) reporter follow, each succeeded by a wash step to remove unbound materials. Users place plates in the plate analyzer, which captures the fluorescence intensity of the microspheres and SA-PE reporter. An S/P ratio of the SA-PE on the antigen-coated microspheres above the provided cut-offs indicates antibody is present in the sample.

CHARACTERISTICS

- Multiplexed fluorometric immunoassay (MFIA)
- 5 plates
- Results available within 2.5 hours
- Tests per kit: up to 445 samples

ASSAY PROCEDURE

INCUBATION TIME/ TEMP.

1. Preparation of samples	
2. Incubation of samples and controls	1hr / 19-26°C
3. Serial washings	
4. Incubation with conjugate A	30 min / 19-26°C
5. Serial washings	
6. Incubation with conjugate B	30 min / 19-26°C
7. Serial washings	
8. Plate reading	



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IMPORTANT :

- Requires a permit to release veterinary biologics from CFIA in Canada. This product is not licensed by CFIA and any claims made have not been substantiated by CFIA.
- Requires a Research and Evaluation import permit from the USDA in the US. This product is not licensed by the USDA and any claims made have not been substantiated by the USDA.