Accurate detection of antibodies against Swine Influenza Virus (H1N1)

The IDEXX SIV H1N1 Test is an enzyme immunoassay for the detection of antibodies to Swine Influenza Virus (SIV)—primarily H1N1, but with cross-reactivity to other SIV subtypes—in porcine serum and plasma. Swine influenza is an acute, infectious and highly contagious febrile respiratory disease of swine, caused by a Type A influenza virus. The disease causes high morbidity and low mortality, and is characterized by sudden onset, coughing, dyspnea, fever and prostration.

The IDEXX SIV H1N1 Ab Test allows rapid screening for the presence of antibodies to swine influenza, indicating a herd's exposure to the virus. Monitoring the immune status of a herd, and determining the optimal time for vaccination in the face of maternal antibodies, can play important roles in the control of swine influenza virus.

Specificity

Swine Influenza US Field Negative Population (n=761)

- Detects the presence of antibody to Swine Influenza Virus, primarily H1N1, with limited detection of antibodies to other SIV subtypes
- Good correlation between the ELISA and hemagglutination inhibition (HI) titer
- Can be used to determine optimal time for vaccination in the face of maternal antibodies
- Rapid results within 2 hours
- Ready-to-use reagents
- Compatible with xChek® software, format similar to PRRS and M. hyopneumoniae

Conclusion: IDEXX SIV H1N1 Ab Test demonstrates a high level of specificity.
Sensitivity

**IDEXX SIV H1N1 Ab Test Temporal Sera**

Conclusion: IDEXX SIV H1N1 Ab Test detected antibody at 7 days post-infection.

Other Swine Products

ELISA Tests for the detection of:
- **Actinobacillus pleuropneumoniae**
- Classical Swine Fever Virus (Ab, Ag)
- **Mycoplasma hyopneumoniae**
- Porcine Reproductive and Respiratory Syndrome
- Pseudorabies Virus (gB, gi)
- Swine Influenza Virus (H1N1, H3N2, Influenza A)
- **Swine Salmonella**
- Trichinellosis

For more information about the IDEXX SIV H1N1 Ab Test, please contact your IDEXX representative or visit idexx.com/siv.