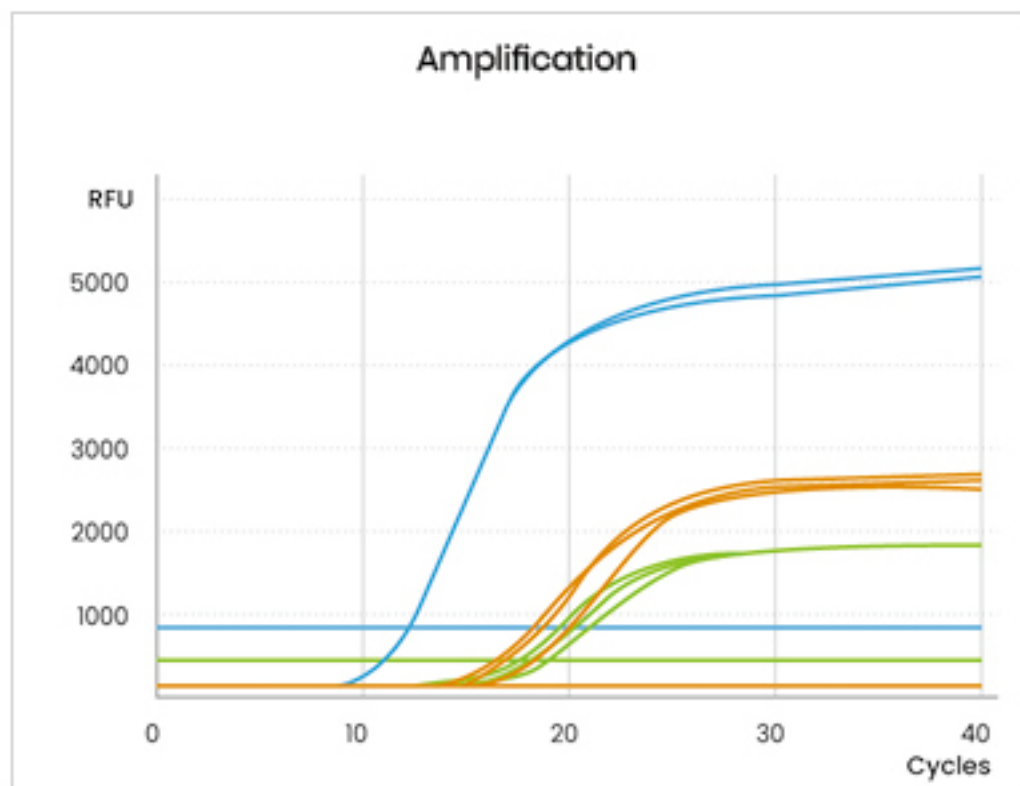


Opti SIV/JEV/EMCV Multi-qPCR Kit™



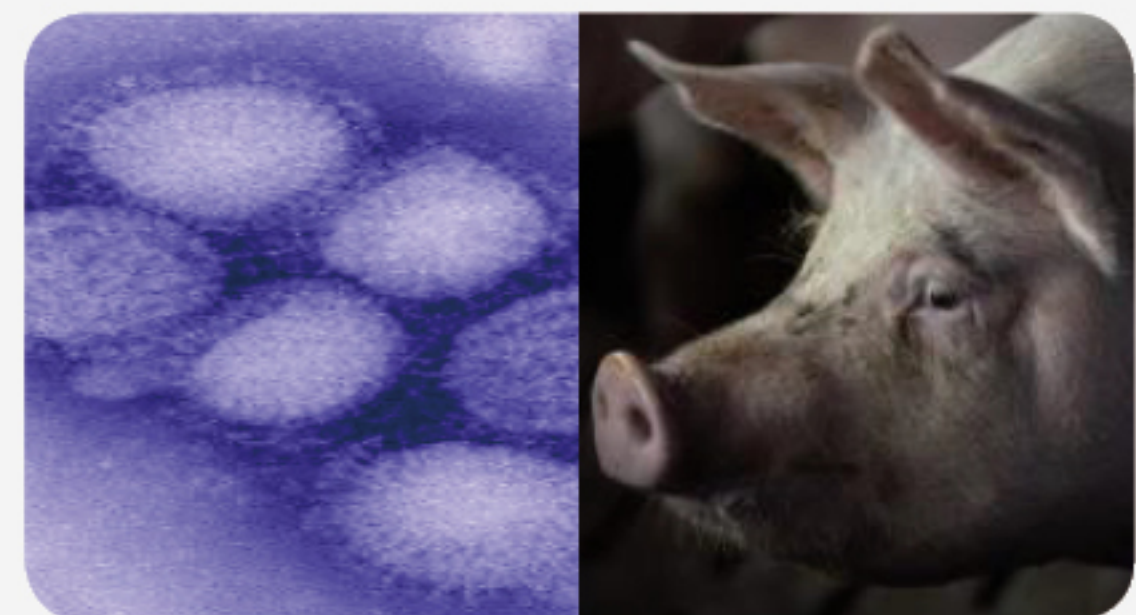
Cat no. SWVM-021

- Delivers results within 1 h 10 min of RNA preparation
- Store at -20°C

● SIV
● EMCV
● JEV

■ Swine Influenza Virus (SIV)

- A noticeable sign of SIV-infected pigs is a harsh, barking cough followed by flu-like symptoms
- Pigs lose their appetite, become lethargic, huddle and pile on one another
- A herpes virus found in the tissues throughout the body including the nose of newborn piglets where it causes inflammation (rhinitis)



■ Japanese Encephalitis Virus (JEV)

- Japanese encephalitis virus (JEV) is a flavivirus related to dengue, yellow fever, and West Nile viruses, and is spread by mosquitoes
- In the endemic Asia-Pacific region, enzootic transmission cycles of JEV are maintained among amplification hosts such as swine and avian species

■ Encephalomyocarditis Virus (EMCV)

- The condition is caused by the encephalomyocarditis (EMC) virus, a picornavirus of rodents assigned to the cardiovirus group
- Sudden death is common, particularly in piglets.
- Pigs with sub-lethal infections may show signs of fever to 41°C (105°F), cyanosis (blue colour) of the extremities, depression, staggering or difficulty in breathing