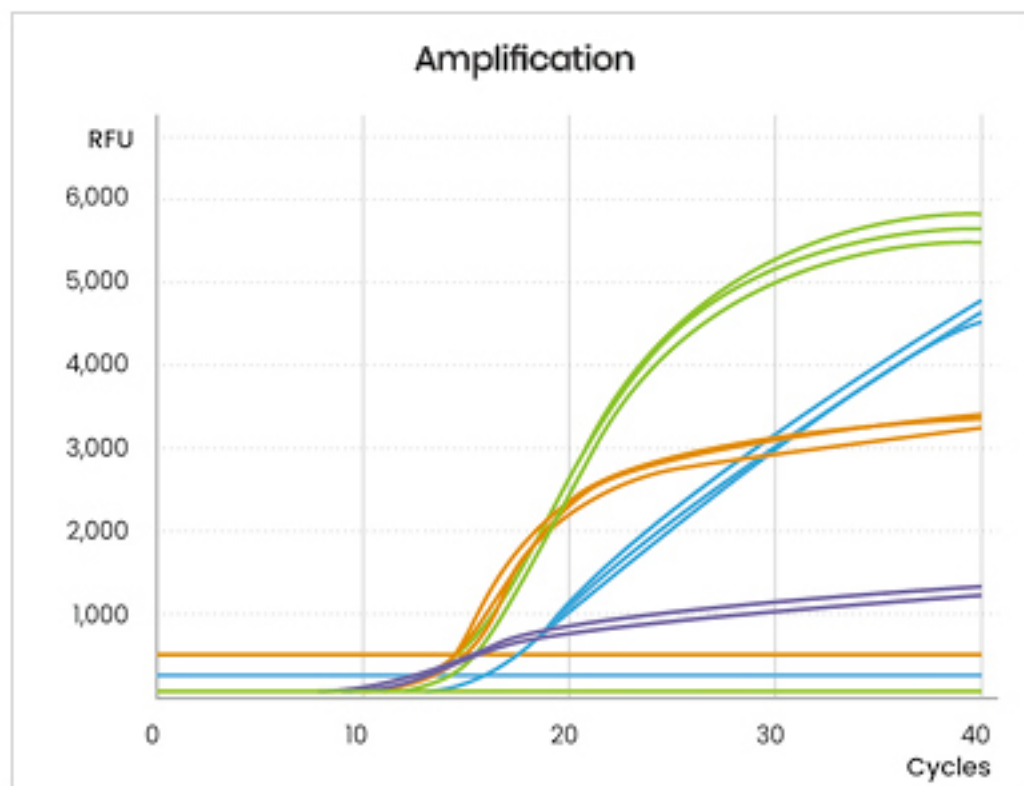


Opti PM/HP/APP/MH Multi-qPCR Kit™



Cat no. SWBM-020

- Delivers results within 1 hour of DNA preparation
- Store at -20°C

● MH
● HP
● PM
● APP

■ *Pasteurella Multocida* (PM)

- Exposure can lead to rapidly progressing soft tissue, respiratory, or other serious invasive infections
- Coughing, sneezing, and abdominal breathing also called “thumping” is seen in infected pigs

■ *Haemophilus Parasuis* (HP)

- *Haemophilus parasuis* typically causes Glässer’s disease, a peracute to acute disease of 2-to 16-week-old pigs characterized by a serofibrinous polyserositis, polyarthritis and meningitis
- In some cases, acute septicemia results in death before typical lesions

■ *Actinobacillus Pleuropneumoniae* (APP)

- This disease primarily affects pigs of 8 to 16 weeks
- The key clinical signs include heavy breathing difficulties; blueing of the ears; sudden death with haemorrhage from the nose

■ *Mycoplasma Hyopneumoniae* (MH)

- A widespread, chronic respiratory disease of swine characterized by coughing, growth retardation and reduced feed efficiency