

PEDV (Porcine Epidemic Diarrhea Virus) PCR Testing

ABOUT: PEDV is a highly contagious viral disease that causes severe diarrhea and dehydration in pigs, especially fatal in piglets under two weeks old. PCR testing detects PEDV RNA, confirming active infection and shedding status.

SYMPTOMS: Piglets may suffer watery diarrhea, vomiting, rapid weight loss, and high mortality. Older pigs usually recover but may show weight loss.

PREVENTION: Control relies on strict biosecurity, cleaning/disinfection of facilities, and limiting movements between farms.

GETTING TESTED: For PCR testing, collect 5 grams of feces (preferred) or 3 mL of oral fluids in an ear notch tube. Samples should be refrigerated and shipped overnight with ice packs.

A positive PCR confirms active shedding, but negative results do not always rule out infection due to intermittent shedding.

PEDV PCR samples are processed and results reported on Wednesday.

