

DIAGNOSTIC SERVICES UNIT

Molecular Diagnostics Test Guide

PCR Test	Samples	TAT	Comments
	EDTA blood, serum, ear notches,		
	feces.		
	Tissues: lung, spleen, mesenteric		
	lymph node,Peyer's patch		
	Fetal tissues: lung, thymus,	1-3 business	
BVDv individual	spleen, liver, placenta	days	
		2-5 business	Samples must be submitted individually and will be pooled in the
BVDv pooled for PI screening (up to 20 samples)	EDTA blood, serum, ear notches	days	lab.
	Smegma in PBS or pouch,	1-3 business	
Tritrichomonas foetus individual	preputial wash	days	
	Smegma in PBS or pouch,	2-5 business	Samples must be submitted individually and will be pooled in the
Tritrichomonas foetus pooled (up to 5 samples)	preputial wash	days	lab.
	Serum, blood swabs, oral fluids,		
	processing fluid, semen,		
	environmental	1-3 business	
PRRSv individual	Tissues: Lung, tonsil	days	
		1-3 business	Samples must be submitted individually and will be pooled in the
PRRSv pooled (up to 5 samples)	Serum	days	lab.
	Serum, oral fluids, processing		
	fluid		
	Tissues: Lung, lymph node,	1-3 business	
PCV2 and PCV3	spleen, heart, kidney	days	
	Deep nasal swab, nasopharyngea	l 1-3 business	
Streptococcus equi ssp. equi	wash	days	
	Deep nasal swabs		
	Tissues: Lung, spinal cord, brain	1-3 business	
EHV-1 and EHV-4	Fetal tissues: Lung, liver	days	
	Follow up to EHV-1 PCR positive	2-5 business	
EHV-1 strain typing	sample	days	
		1-3 business	
Cache Valley virus	Fetal tissues: placenta, brain	days	