

BVDv Diagnostic Guide

Test	Samples to Submit	Test Detects	Interpretation	Test Costs
PCR – single animal	tissue pool* or blood/serum	virus	(+) = virus present	\$28.50/accession
PCR is generally recommended due to sensitivity, specificity and turnaround time				
VI	tissue pool* or blood/serum	virus	(+) = virus present	\$30/accession
IHC	tissue pool*, intestine	virus	(+) = virus present	\$18.50/accession
ELISA	serum	virus	(+) = virus present	\$10.50/sample
Sequencing	tissue pool* or virus isolate	strain/genotype	virus strain	\$150/virus
SN - type 1 or 2	serum	antibodies	titer/exposure	\$5.50/type
Options and Recommendations for Specific Clinical Conditions				
Herd PI Testing: PCR - recommended due to sensitivity, specificity & turnaround	Ear biopsy or serum/blood			\$7.50/head
	Tissue Tag System ear biopsy (includes animal ID tag, sample vial, & testing)			\$6.00/head
Herd PI testing: IHC	Ear biopsy - requires formalin vial @ \$0.35/vial			\$13 setup, \$5.50/head
Herd PI testing: ELISA (ACE - antigen capture)	Ear biopsy - recommend PBS vial @ \$0.35/vial			\$8.50/head
Respiratory Disease	Submit tissue pool*, blood/serum			
Gastrointestinal Disease	Submit affected GI tissues, tissue pool*, blood/serum			
Abortion	Submit fetal tissue pool*, placenta, blood/serum for viral detection			
	Paired sera from dam for antibody levels - request SN test			
Viral Strain	Sequence/genotype from PCR or VI			
*Tissue Pool: lung, l. node, spleen, kidney				
Pathologist will determine most appropriate testing, unless clearly specified by the submitter				
Pricing listed will be effective January 1, 2009				