

**SAMPLE SUMMARY TABLE:
BY 2000 Winter-run Chinook salmon Adult Broodstock, Livingston Stone NFH**

CA-NV Fish Health Center

September 6, 2000

Prevalence of infection for Infectious Hematopoietic Necrosis Virus (IHNV) in individual female ovarian fluid (OF) and male kidney (KD) samples. *Renibacterium salmoninarum* by Enzyme Linked Immunosorbent Assay (ELISA) of individual kidney tissues. Internal parasites by kidney imprint with Periodic Acid Schiff stain (PAS-KD), and histological (HISTO) examination of kidney and intestine (IT). Cultured systemic bacteria (BACTE) in individual kidney samples.

Pathogen	# Samples	# Positive	% Positive	Total # Fish Sampled	Date(s) of Occurrence
Virus					
IHNV – OF	40	28	70%	40	No clinical disease
IHNV – KD	23	15	65%	23	
ELISA					
<i>R. salmoninarum</i> – Female					
High Antigen	36	0	0%	36	No clinical disease
Moderate Antigen	36	1	3%		
Low Antigen	36	28	78%		
Below Negative Control	36	7	19%		
<i>R. salmoninarum</i> - Male					
High Antigen	33	0	0%	33	No clinical disease
Moderate Antigen	33	0	0%		
Low Antigen	33	26	78%		
Below Negative Control	33	7	21%		
Range of OD values (405nm) were .080 – 0.216 indicating a low level of <i>Rs</i> antigen.					
Bacte presumptive identification					
<i>Aeromonas salmonicida</i>	57	4	7%	57	May 9 – June 12
Parasites – internal					
Rosette Agent – PAS-KD	30	0	0%	30	
<i>Ceratomyxa shasta</i> – HISTO-IT					
Light Infection	21	2	10%	21	No clinical disease
Heavy Infection	21	5	24%		

Notes:

Rosette Agent was not detected by PAS stain of kidney imprints. Only 30 of 85 imprints were examined. The same piece of tissue used in the kidney imprints was sent to BML for Rosette PCR analysis (all 85 samples).

Rs-mfFAT was performed on 31 OF samples. No *Rs* was detected; although, *C. shasta* spores and a cell similar to Rosette Agent were observed in several samples. The pellet from the OF-viral sample was used for this assay.