Gribbles VETERINARY

AQUATIC SUBMISSION FORM

0800 GRIBBLES I 0800 474 225 I www.gribblesvets.co.nz

Lab number:

PRACTICE	OWNER / FARM NAME
VETERINARIAN	OWNER ADDRESS/PH
VET REF NUMBER	PEN / TANK / RACEWAY ID
SUBMITTER NAME	ANIMAL ID STAGE / AGE
CONTACT TEL NUMBER	☐ MALE ☐ FEMALE
PREVIOUS CASE NUMBER	☐ FISH* ☐ CHINOOK ☐ SHELLFISH ☐ OTHER:
EMAIL FOR INVOICE	*SPECIFY SPECIES:
CLINICAL HISTORY	DATE SAMPLE COLLECTED

BIOCHEMISTRY PANELS *(Lithium heparin/serum)*

- ☐ **SALMON BIOCHEMISTRY PANEL 1**
  (Albumin, globulin, total protein, ALP, ALT, AST, Ca, Cl, cholesterol, CK, creatinine, GLDH, Mg, Na, K, Urea, PO_4, triglycerides, glucose)
- ☐ **SALMON BIOCHEMISTRY PANEL 2**
  (Albumin, globulin, total protein, ALP, ALT, AST, bilirubin, Ca, Cl, cholesterol, CK, creatinine, GLDH, Mg, Na, K, Urea, PO_4, triglycerides, glucose)

BIOCHEMISTRY *(Lithium heparin/serum)*

- ☐ Albumin
- ☐ ALP
- ☐ ALT
- ☐ AST
- ☐ Bilirubin
- ☐ Calcium
- ☐ Chloride
- ☐ Cholesterol
- ☐ CK
- ☐ Creatinine
- ☐ Glucose
- ☐ GLDH
- ☐ Lactate
- ☐ Lipase
- ☐ Magnesium
- ☐ Sodium
- ☐ Phosphate
- ☐ Potassium
- ☐ Total protein
- ☐ Triglycerides
- ☐ Urea

ENDOCRINOLOGY *(Lithium heparin/serum)*

- ☐ TSH
- ☐ Cortisol

SEROLOGY *(Lithium heparin)*

- ☐ C-reactive protein
- ☐ Haptoglobin
- ☐ Prostaglandin

Note: Serology assays are available for research only.

HAEMATOLOGY *(Lithium heparin or EDTA)*

- ☐ CBC
  (WBC count, differential, blood film examination, cell morphology, blood parasites, haemoglobin)
- ☐ Haematocrit#
- ☐ Haemoglobin
- ☐ Plasma protein#
- ☐ Blood film examination*
- ☐ WBC count + differential *(no morphology etc.)*

 # Lithium heparin haematocrit tubes x2

** Blood smears x2*

NECROPSY *(Cadaver)*

- ☐ Necropsy *(per hour)*
- ☐ Disposal fee *(per kg)*

Notes:
- We recommend field sampling of organs and transport in formalin for best results.
- Full necropsy services for fish are only available in our Palmerston North laboratory.

MICROBIOLOGY *(Swab, fluid or tissue)*

Site:

- ☐ Aerobic culture *(all bacterial species)*
- ☐ *Aeromonas* sp. culture
- ☐ *Lactococcus* sp. culture
- ☐ *Vibrio* sp. culture
- ☐ *Yersinia* sp. culture
- ☐ Gram stain
- ☐ Sensitivity testing

HISTOPATHOLOGY *(Fixed tissue)*

Site:

- ☐ Full histology (including interpretation)
  (Processing, H&E staining, full pathology report)
- ☐ Gill histology (CGD)
- ☐ Tissue processing only
  (1xH&E stained slide returned to client, no histo report)

MOLECULAR *(Fresh tissue chilled or in DNA/RNA Shield)*

- ☐ *Flavobacterium psychrophilum*
- ☐ *Lactococcus garvieae*
- ☐ NZ *Rickettsia*-like org. RLO-1 and RLO-2
- ☐ *Tenacibaculum maritimum*
- ☐ *Yersinia ruckeri*
- ☐ **Fresh water disease panel**
  (L. garvieae, Y. ruckeri, F. psychrophilum)
- ☐ **Saltwater disease panel**
  (T. maritimum, RLO-1, RLO-2)

SAMPLES RECEIVED (for lab use only)

Unpacked by:

Date rec'd:

☐ Heparin ☐ Blood film ☐ Swab ☐ Fresh tissue ☐ Tissue-DNA/RNA Shield

☐ EDTA ☐ Haematocrit x2 ☐ Fluid ☐ Fixed tissue ☐ Cadaver ☐ Other: