

Koi: GROSS AND MICROSCOPIC ASSESSMENT FORM

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Assessment for: _____ In-house
Examiner: _____ Not Applicable

Historical Notes

- | | | |
|---|--|--|
| <input type="checkbox"/> Number affected | <input type="checkbox"/> Pond Volume | <input type="checkbox"/> Alkalinity |
| <input type="checkbox"/> Number dead | <input type="checkbox"/> Pond Temp | <input type="checkbox"/> Water Clarity |
| <input type="checkbox"/> New fish lately? | <input type="checkbox"/> Ammonia Level | <input type="checkbox"/> Total Inches Fish (1" per10g) |
| <input type="checkbox"/> When? | <input type="checkbox"/> Nitrite Level | <input type="checkbox"/> |
| <input type="checkbox"/> Quarantined? | <input type="checkbox"/> pH Level | <input type="checkbox"/> |

Gross Examination

- | | | |
|---|---|---|
| <input type="checkbox"/> Eyes <input type="checkbox"/> Norm. <input type="checkbox"/> Bulging | <input type="checkbox"/> Fins | <input type="checkbox"/> Body Bulges <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> White Pupils <input type="checkbox"/> Damaged | <input type="checkbox"/> Describe | <input type="checkbox"/> Describe |
| <input type="checkbox"/> Mouth <input type="checkbox"/> Normal <input type="checkbox"/> Open <input type="checkbox"/> | <input type="checkbox"/> Body Shape | <input type="checkbox"/> Body Sores <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Rotten <input type="checkbox"/> Damaged | <input type="checkbox"/> Describe | <input type="checkbox"/> Describe |
| <input type="checkbox"/> Gills <input type="checkbox"/> Red <input type="checkbox"/> Pale | <input type="checkbox"/> Body Mass <input type="checkbox"/> Normal | <input type="checkbox"/> Redness <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Rotten <input type="checkbox"/> Green <input type="checkbox"/> Slimy | <input type="checkbox"/> Lean <input type="checkbox"/> Skeletal | <input type="checkbox"/> Describe |
| <input type="checkbox"/> Mucus <input type="checkbox"/> Excess <input type="checkbox"/> Scant | <input type="checkbox"/> Tail <input type="checkbox"/> Complete | <input type="checkbox"/> Argulus |
| <input type="checkbox"/> Normal <input type="checkbox"/> Patches | <input type="checkbox"/> Red <input type="checkbox"/> Rotten <input type="checkbox"/> Split | |
| <input type="checkbox"/> Lerneia | <input type="checkbox"/> Ergasilus | <input type="checkbox"/> |

Body Scrapes

- | | | |
|---|--------------------------------------|--|
| <input type="checkbox"/> Flukes / Trematodes | <input type="checkbox"/> Ich | <input type="checkbox"/> Chilodonella |
| <input type="checkbox"/> Costia / Ichthyobodo | <input type="checkbox"/> Trichodina | <input type="checkbox"/> Ambiphrya |
| <input type="checkbox"/> Tetrahymena | <input type="checkbox"/> Glossatella | <input type="checkbox"/> Hexamita |
| <input type="checkbox"/> Epistylis | <input type="checkbox"/> Scyphidia | <input type="checkbox"/> Trichophrya |
| <input type="checkbox"/> Pollen | <input type="checkbox"/> Algae | <input type="checkbox"/> Fungi / Saprolegnia |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Gill Biopsy / Scrapes

- | | | |
|---|--------------------------------------|--|
| <input type="checkbox"/> Flukes / Trematodes | <input type="checkbox"/> Ich | <input type="checkbox"/> Chilodonella |
| <input type="checkbox"/> Costia / Ichthyobodo | <input type="checkbox"/> Trichodina | <input type="checkbox"/> Ambiphrya |
| <input type="checkbox"/> Tetrahymena | <input type="checkbox"/> Glossatella | <input type="checkbox"/> Hexamita |
| <input type="checkbox"/> Epistylis | <input type="checkbox"/> Scyphidia | <input type="checkbox"/> Trichophrya |
| <input type="checkbox"/> Pollen | <input type="checkbox"/> Algae | <input type="checkbox"/> Fungi / Saprolegnia |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Samples Collected / Sent

- | | | |
|---|---|---|
| <input type="checkbox"/> Liver <input type="checkbox"/> Tissue <input type="checkbox"/> Swab | <input type="checkbox"/> Kidney <input type="checkbox"/> Tissue <input type="checkbox"/> Swab | <input type="checkbox"/> Spleen <input type="checkbox"/> Tissue <input type="checkbox"/> Swab |
| <input type="checkbox"/> Intestine <input type="checkbox"/> Tissue <input type="checkbox"/> Swab | <input type="checkbox"/> Gonad <input type="checkbox"/> Tissue <input type="checkbox"/> Swab | <input type="checkbox"/> Air sac wall <input type="checkbox"/> Tissue <input type="checkbox"/> Swab |
| <input type="checkbox"/> Heart <input type="checkbox"/> Tissue <input type="checkbox"/> Swab | <input type="checkbox"/> Blood <input type="checkbox"/> Sample <input type="checkbox"/> Swab | <input type="checkbox"/> Gall Bladder <input type="checkbox"/> Tissue <input type="checkbox"/> Swab |
| <input type="checkbox"/> Peritoneum <input type="checkbox"/> Tissue <input type="checkbox"/> Swab | <input type="checkbox"/> | <input type="checkbox"/> |

Send to: samples.koilab.com

PCR – Swab test of dying fish for Koi Herpes Virus – Collect on sterile swab from organ or blood and freeze and ship overnight.

In Situ Hybridization – Finds virus in cells of infected fish. 10% buffered formalin fixed tissues sent to samples.koilab.com

KHV Agglutination Test – Frozen blood samples in red top tubes from live fish, shows antibodies to KHV

Culture and Sensitivity – Bacterial culture and what they're sensitive to, sent on swab overnight on ice, but dry. Collected from an internal organ from sacrificed fish or aseptically collected blood from live fish.

Histopathology – Sample of tumor or organ put in 10% buffered formalin and sent with descriptive to samples.koilab.com

Use of this form expressly implies that any user of this form acknowledges and accepts that this form is not intended to render a "diagnosis" nor does it replace the advice or services of a licensed veterinarian who treats ornamental fish. In fact, the document is a guide to allow the hobbyist to collect thorough details and data of value to the practitioner if such a professional should be consulted in the above case. No prescription can be made based on the above data.

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