

VITELLOGENIN (VTG)

USEFUL BIOMARKER FOR ESTROGEN-MEDIATED ENDOCRINE DISRUPTION

NEW Standard VTG ELISAs:

- **TE1035 TECO®** Perch
- **TE1037 TECO®** Cyprinid
- **TE1042 TECO®** Multi Species
- **TE1047 TECO®** Salmonid

REACH VTG ELISAs:

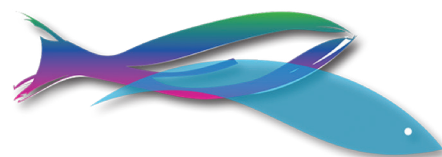
- **TE1040 TECO®** REACH Cyprinid
- **TE1043 TECO®** REACH Medaka

Ultra Sensitive VTG ELISAs:

- **TE1046 TECO®** Ultra Sensitive Cyprinid
- **TE1049 TECO®** Ultra Sensitive Salmonid

Non-Invasive, Non-Destructive Options – Room Temperature ELISA – Cost-Saving Configuration – Quality Controlled

- Biomarker for estrogenic activity of natural and anthropogenic substances in sewage
- Assay developed and manufactured under ISO 13485 & ISO 9001 quality standards
- State-of-the-art kits include:
 - Standard and control material allowing for up to 2 runs per test kit
 - Quick and easy sample thaw procedure
 - Stable standards and controls
 - Low inter- and intra-assay CVs
- Vitellogenin ELISA proficiency testing program available



VITELLOGENIN (VTG)

4 Vitellogenin ELISA Assays Validated for 37 Different Fish Species*

Perch	Cyprinid	Multi-Species	Salmonid
Perch	Carp	Medaka	Salmon
Tilapia	Goldfish	Cod	Trout
Bluegill	Zebrafish	Flounder	Common Whitefish
	Fathead Minnow	Australian Rainbowfish	

*Inquire about complete cross-reactivity with different species.

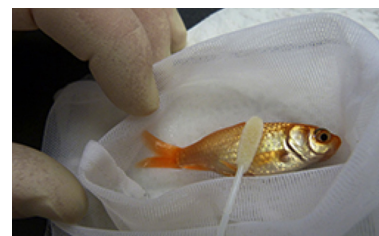
For Testing with 3 Different Sample Types**

Product	Serum/Plasma	WBH/Liver	Mucus
Perch Vitellogenin ELISA	•	•	•
Cyprinid Vitellogenin ELISA	•	•	•
Multi-Species Vitellogenin ELISA	•	•	•
Salmonid Vitellogenin ELISA	•	•	•

**Different sample types can be tested on the same plate at the same time.

Easily Measure VTG from Mucus

- **Non-invasive, non-destructive sampling using TECO®-exclusive mucus collection swabs**
- Easier to collect from smaller fish
- Defined matrix free of lymphatic fluid contamination
- Ability to use smaller fish for testing or monitoring purposes
- Repeat sampling option allows for individual recording of induction kinetics
- Pre-exposure testing enables determination of handling (stress)-related impact on VTG induction
- Sample stability for up to 4 hours after extraction
- Assay performed at room temperature



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