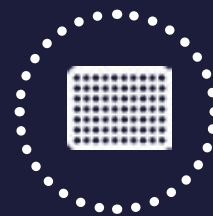


TOXICOLOGY



Environment & endocrine disruptors

- OECD recognized biomarkers
- Ready-to-use assay kits
- Fish & arthropods species

TOXICOLOGY

ENVIRONMENT & ENDOCRINE DISRUPTORS

According to intergovernmental organisations, «An endocrine disruptor is an exogenous substance or mixture that alters function(s) of the endocrine system and consequently causes adverse health effects in an intact organism, or its progeny, or (sub)populations».

During all our lifetime, we are exposed to Endocrine Disrupting Chemicals (EDCs) while breathing, eating or drinking. According to the doses we absorb, those chemicals disrupt the endocrine process and produce deleterious effects on organisms or descendants such as sterility, cancer, growth, appetite or sleep. The scientific challenge is to find and monitor the appropriate biomarker to predict their effects on any ecosystem and more generally speaking on environment. The best species to monitor those pollutants are fishes, insects and crustaceans. They are found everywhere and their life cycle is very short to demonstrate the adverse effects of those chemicals.

We propose you here some of our easy and cost-effective products to complete your eco-toxicology, endocrinology or environmental studies.



SCIENTIFIC LITERATURE

1. Organization for Economic Co-operation and Development - Environment Directorate Joint Meeting of the Chemicals Committee and the Working Party on Chemicals, Pesticides and Biotechnology ENV/JM/MONO(2010)31 - Multi-laboratory validation report of the H295R steroidogenesis assay to identify modulators of testosterone and estradiol production

2. Endocrine Disruptors and Pharmaceuticals in Drinking Water (2001) ISBN 1-58321-122-5

STEROID HORMONES

>	11-keto Testosterone ELISA kit	Cat No: 582751
>	Estradiol ELISA kit	Cat No: 582251
>	Progesterone ELISA kit	Cat No: 582601
>	Testosterone ELISA kit	Cat No: 582701
>	Estriol ELISA kit	Cat No: 582281
>	Human Estrogen Receptor β Assay System	Cat No: IB00411
>	Human Androgen Receptor Assay System	Cat No: IB03001

VITELLOGENINS

>	Carp Vitellogenin ELISA kit	Cat No: V01003402
>	Fathead minnow Vitellogenin ELISA kit	Cat No: V01018401
>	Medaka Vitellogenin ELISA kit	Cat No: V01013403
>	Rainbow trout Vitellogenin ELISA kit	Cat No: V01004402
>	Salmonid Vitellogenin Biomarker ELISA kit	Cat No: V01002402
>	Zebrafish Vitellogenin ELISA kit	Cat No: V01008402

GROWTH & REPRODUCTION

>	20-HydroxyEcdysone ELISA kit	Cat No: A05120
>	Cell-based Aryl Hydrocarbon Receptor (human) assay	Cat No: IB06001

WATER POLLUTION BY ANTHROPOGENIC MICROPOLLUTANTS

>	Bisphenol A (BPA) ELISA kit	Cat No: L49000402
>	Melamine ELISA kit	Cat No: L48000451
>	Carbamazepine ELISA kit	Cat No: L59400402
>	Phthalates ELISA kit	Cat No: L59400401

TOXINS

>	ASP (Amnesic Shellfish Poison) ELISA kit	Cat No: A31300401
>	Okadaic Acid (DSP) ELISA kit	Cat No: L35000420