



Vigiwater panels can be implemented in their entirety for the most detailed investigations or selected according to already identified specific challenges. The Vigiwater approach guarantees innovative and valuable insights into all your hazard/risk analyses, treatment performance analyses and fine monitoring needs.

Vigiwater is the most complete bioassay panel solution available on the market. It allows to broadly address the main toxicity mechanisms at the source of modern water pollution concerns. The Vigiwater pack offers:

- A complete general toxicity panel with 2 bacteria, 2 yeasts, 2 algae, 1 fungus, human leukocytes
- In-depth monitoring of oestrogenic, androgenic and thyroid endocrine disruptors (activation and inhibition) by high-performance human probe cells
- A relevant view of genotoxicity on human cells (activation of key indicator proteins and response to genetic lesions with or without metabolism) and prokaryotes (specific probe bacteria)
- A wide range of cellular stress including oxidative, metallic, membrane, xenobiotic, and photosynthetic (powerful detection of herbicides) stress
- A panel of reprotoxicity in animal models with measurement of the integrity of hemato-testicular barriers and gene detection of gamete maturation
- A “Medication” panel that analyses the presence of multiple medication residues in water in the wake of the presence of endocrine disruptors