



atoxigen

predictive toxicology center

# In Vitro detection of Endocrine Disruptors

## Poison depends on exposure time and cocktail effect

Target fields : Packaging, Cosmetics, Nanosubstances

Regular tests : OECD 455 and 458 :

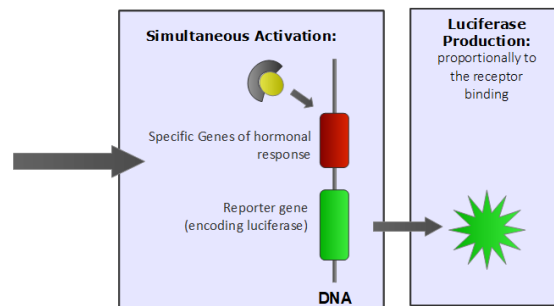
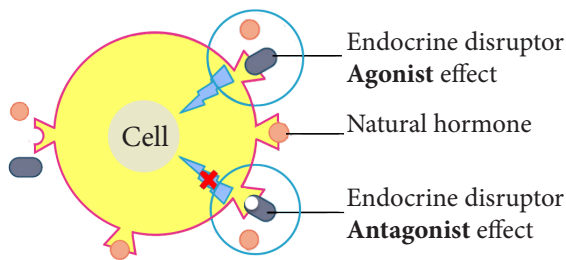
- Detection of Estrogen receptor agonists/antagonists
- Androgen receptor agonists/antagonists

Other available detection tests : on request



## Principle of the test :

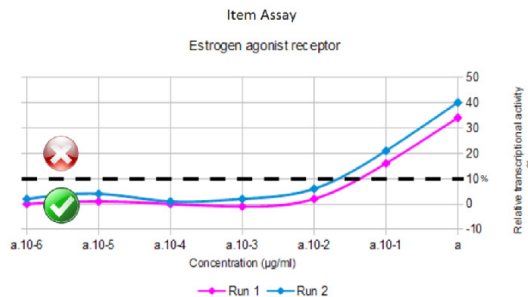
Stably Transfected Transactivation *In Vitro* Assays to Detect Endocrine Disruptors



### Agonist :

- MTT Cytotoxicity test
- 2 independent runs (confirmation)
- 7 tested concentrations
- 4 reference chemicals, positive & control solvent

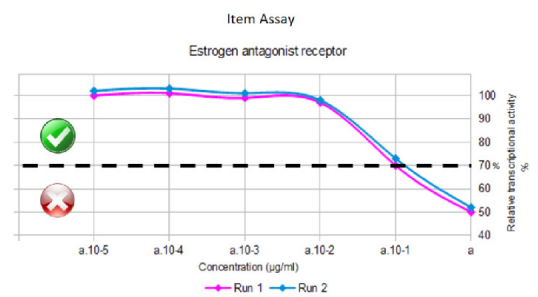
Results :



### Antagonist :

- MTT Cytotoxicity test
- 2 independent runs (confirmation)
- 6 tested concentrations
- 2 reference chemicals, positive & control solvent

Results :



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