TRANSIA® PLATE

Triazines

Rapid results
In-house testing
Large series

RAISIO

DIAGNOSTICS

TRANSIA® PLATE
Triazines

Triazines belong to a large herbicide group used in the past in agriculture and is now forbidden in the most European countries. Due to their high stability triazines accumulate in the ground and leach into surface water. Ground water may also be contaminated thus presenting a severe threat to the water supply of the human population. In order to monitor and control the contamination level of triazines, European legislation has defined a maximum level of 0.1 µg/L in drinking water.
The accurate assessment of triazines in water has proved to be cumbersome when using traditional methods such as chromatography (HPLC).

TRANSIA PLATE TRIAZINES

TRANSIA PLATE Triazines is a competitive-type ELISA using specific polyclonal antibodies adopted to screen the triazine group. This unique test offers the advantage of in-house testing, optimized for large series, in combination with reliable, rapid results. TRANSIA PLATE Triazines enables the quantitative analysis of up to 43 samples. All the reagents needed for detection are included in the test kit.

TEST MATRICES

- Water
- Food products

TECHNICAL ADVANTAGES

- Detection limit 0.02 µg/L of atrazin, well below international requirements
- Suitable for large test series
- Quantitative detection
- Ready-to-use reagents

ORDERING INFORMATION:

PE0737, TRANSIA PLATE Triazines, 1 plate, divisible strips

RAISIO

DIAGNOSTICS

www.raisiodiagnostics.com

FINANCIAL ADVANTAGES

- No expensive equipment required
- Results obtained in 60 minutes
- Less labour time per test compared with conventional methods

ENVIRONMENTAL ADVANTAGES

- Less hazardous organic solvents needed
- Minimal consumption of plastics

SPECIAL APPLICATIONS

Automated test procedure using the TRANSIA Elisamatic II or T4U, with walk-away comfort.

PUBLICATIONS

P. Arbault et al. Enzyme-linked Immunosorbent Assay (ELISA) For the Assessment of Triazine Herbicides in Water. Poster, Spain, SALICAL 1995.

C. Lentza-Rizos. Determination of Triazine Residues in Water: Comparison Between a Gas Chromatographic Methods and an Enzyme-Linked Immunosorbent Assay (ELISA). Bull. Environ. Contam. Toxicol. (1996) 57:413-420.