

MONOCLONAL ANTIBODIES SPECIFIC FOR TRIAZINE HERBICIDES INCLUDING ATRAZINE.

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ABSTRACT

Simazine and atrazine haptens with mercaptopropionic acid and aminohexanoic acid spacers were synthesized and conjugated to proteins via N-hydroxysuccinimide active esters. Mabs derived from immunized mice had I50 values of 3 to 4 ppb. The EIAs are compatible with simplified methods for triazine extraction and concentration from soil and water. The limit of detection for atrazine was 0.05 to 0.1 ppb.

Reference;

Karu et al. Monoclonal Immunoassay of Triazine Herbicides Development and Implementation 1991. ACS Symposium Series No. 451

Immunochemical Methods for Trace Chemical Analysis. pp59-77.

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OTHER INFORMATION

KEYWORDS

research tool, antibody

CATEGORIZED AS

» **Research Tools**

» Antibodies

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