



الملخص الانجليزي

البحث رقم (1)

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## **Detection of Pesticides in Human Milk Samples Collected in Egypt by Enzyme-Linked Immunosorbent Assay**

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Human milk samples (80) collected from 10 different cities in Egypt were tested for ethyl parathion, diflubenzuron and dieldrin using an indirect enzyme linked immunosorbent assay (ELISA). Ethyl parathion was detected in all samples (100%) at levels ranging from 0.0065 to 20  $\mu\text{g/mL}$ , but dieldrin was detected in 73 samples (91.25%). On the other hand, diflubenzuron also was detected in 48 samples (60%). These results present evidence for the persistence (or continued use) of these pesticides in Egyptian agriculture and their transmission through the food chain.

Key words:pesticides, Human milk Agriculture, Dairy products, Enzyme-linked immunosorbent assays

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