Lipid peroxidation and enzymatic activity levels in *Corbicula fluminalis* from two sites of Shatt Al-Arab

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Abstract
A suite of biomarkers including Lipid peroxidation (LP), activities of Superoxide dismutase (SOD) and Catalase (CAT) enzymes were studied in gills and digestive glands of *Corbicula fluminalis* from two sites of Shatt Al-Arab (Qurna and Al-Maaqil regions). The values of LP, SOD and CAT were higher in gills as well as in digestive glands in *Corbicula fluminalis* from Al-Maaqil as compared with that animal from Qurna region, these indicators gave the impression that AL-Maaqil region was exposed to pollutants which lead to rising antioxidant levels in clam *Corbicula fluminalis*. 