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| Table 1. Mean serum antioxidant and MDA concentrations in the lead-exposed and control subjects. |
| Parameter | Occupationally exposed (n=68) | Environmentally exposed (n=58) | Control (n=70) |
| TAC (µmol/ml) | 341.70±255.53**\*\*** | 792.33±183.19**αα** | 769.05±136.58 |
| SOD (U/ml) | 16.63±2.66**\*\*** | 16.49±3.06**\*\*** | 19.10±2.57 |
| CAT (IU/L) | 42.55±18.72**\*\*** | 19.88±6.28**\*\* αα** | 64.31±13.45 |
| GPx (U/ml) | 1.02±0.21**\*** | 0.99±0.14 | 0.92±0.24 |
| MDA (nmol/ml) | 3.68±0.86**\*\*** | 3.35±0.64**\*\* α** | 2.39±0.42 |
| *TAC – Total antioxidant capacity, SOD – superoxide dismutase, CAT – catalase, MDA – malondialdehyde, and GPx – glutathione peroxidase. \* p<0.05, \*\*p<0.0001 (Compared with the control group).* ***α****p<0.05,* ***α*α***p<0.001(Compared with occupationally exposed).* |