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Comparing The levels of trace Elements in females with Diabetes Mellitus (AbstractView.aspx?PID=2019-12-12-86)

Seenaa kadhun Ali (<https://scholar.google.co.in/scholar?q='Seenaa kadhun Ali'>), *Zainab Abbas jwad*
(<https://scholar.google.co.in/scholar?q='Zainab Abbas jwad'>), *Hayder Noori Raheem*
(<https://scholar.google.co.in/scholar?q='Hayder Noori Raheem'>), *Hayder yaseen Noor*
(<https://scholar.google.co.in/scholar?q='Hayder yaseen Noor'>), *Yad Kadhim Ali*
(<https://scholar.google.co.in/scholar?q='Yad Kadhim Ali'>)
seena.alhusseini@uokufa.edu.iq (<mailto:seena.alhusseini@uokufa.edu.iq>)

Address: *Seenaa kadhun Ali*1, *Zainab Abbas jwad*2, *Hayder Noori Raheem*3, *Hayder yaseen Noor*4, *Yad Kadhim Ali*5
1Chemistry Department, Faculty of Education for women, Kufa University, Najaf city, Iraq
2Chemistry Department, College of Science, University of Babylon, Hilla city, Iraq
3Chemistry Department, Faculty of Pharmacy Pharmaceutical, Kufa University, Najaf city, Iraq
4Chemistry Department, Faculty of Pharmacy Pharmaceutical, Kufa University, Najaf city, Iraq
5Soil Science and water Dept, Faculty of Agriculture, Kufa University, Najaf city, Najaf Governorate, Iraq
*Corresponding Author

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ABSTRACT:

Cumulative investigations have depicted that metabolic rate of some trace elements has altered in diabetes. This study is designed to illustrate the consequence of some trace element copper (Cu), iron (Fe), Cobalt (Co), zinc (Zn) and Zn/Cu ratio) in diabetic female patients with mellitus type 2 (n=60), type 1 (n=69) as compared to nondiabetic control subjects (n=35). The element levels have recorded by an atomic absorption spectrophotometer. The consequences of this paper have depicted that the mean magnitudes of Zn, Cu, in addition to Fe have significantly lessened in testers of diabetic patients than control subjects ($p < 0.006$, $p < 0.000$, $p < 0.000$) correspondingly, but no significances in serum cobalt. Serum Cu, Fe levels have been significant and lower in samples of type 1 diabetic patients than type 2 diabetic patients ($p < 0.001$, $p < 0.005$).

KEYWORDS:

Comparing, Trace Elements, Females, Diabetes Mellitus.

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