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## Relation Between Purification Gamma Glutamyl Transferase Activity And Some Electroparameters

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### ABSTRACT

*Gamma glutamyl transpeptidase (GGT) is a transferase, which is of great importance in sustaining intra cellular cysteine and glutathione levels. The abnormal expression of GGT is significantly associated with features of many metabolic syndromes (e.g.,hepatocellular carcinoma). So study the relationship between purification Gamma-glutamyl transferase (GGT) activity, kinetic constants and some electro parameters. We studied on 80 patients with heart failure who attended for treatment in Baghdad Medical City, the patients characterized in Electromyo Cardio Gram (ECG) for treatment in hospital. The patient samples were divided into 40 Females and 40 Males with ages from 29 to 85 years and 80 normal healthy controls, 40 Males, 40 Females with ages from 27 to77 years.*

**Keywords:** Gamma-glutamyl transferase (GGT), maximal velocity (Vmax), Michaelis-Menten kinetic parameter(Km).

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