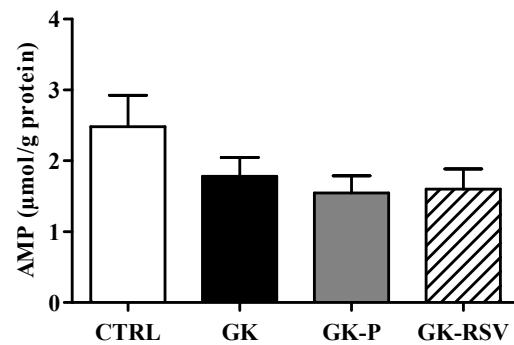


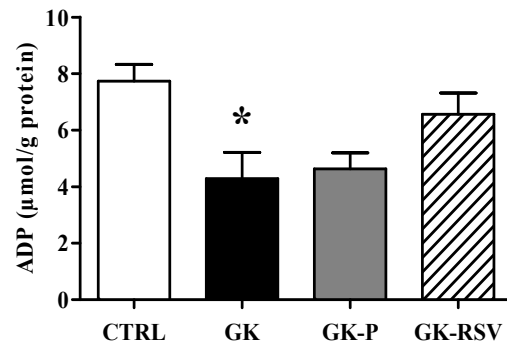
# Protective Effect of Resveratrol against Ischemia-Reperfusion Injury via Enhanced High Energy Compounds and eNOS-SIRT1 Expression in Type 2 Diabetic Female Rat Heart

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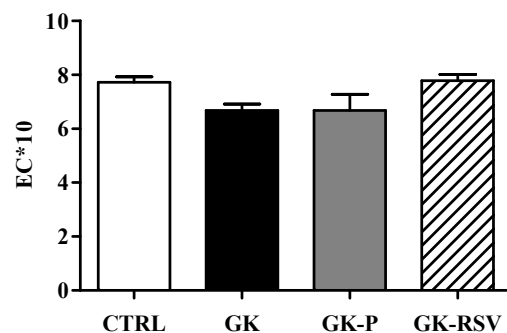
**A**



**B**

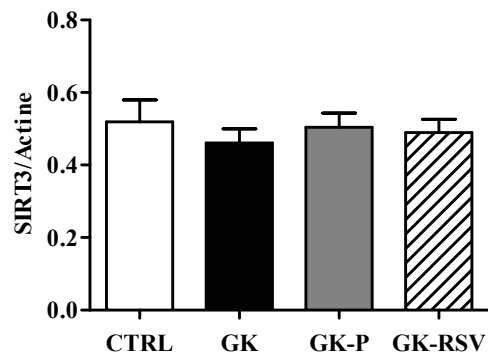


**C**

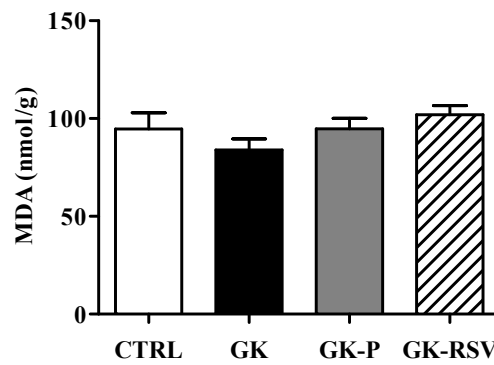


**Figure S1.** AMP (A), ADP (B) and EC\*10 (C) in rat hearts. Data are expressed as means  $\pm$  SEM and one-way ANOVA was used to compare the groups. No statistical difference was found between groups for AMP content. ADP content was significantly decreased only in GK versus CTRL (\* $p$ <0.05).

RSV increased ADP content but it did not reach statistical difference. No difference was found between groups for energy charge.



**Figure S2.** Protein expression of SIRT3 in rat hearts. Data are expressed as means  $\pm$  SEM and one-way ANOVA was used to compare the groups. No statistical difference was found between groups.



**Figure S3.** MDA heart content in rat hearts. Data are expressed as means  $\pm$  SEM and one-way ANOVA was used to compare the groups. No statistical difference was found between groups.