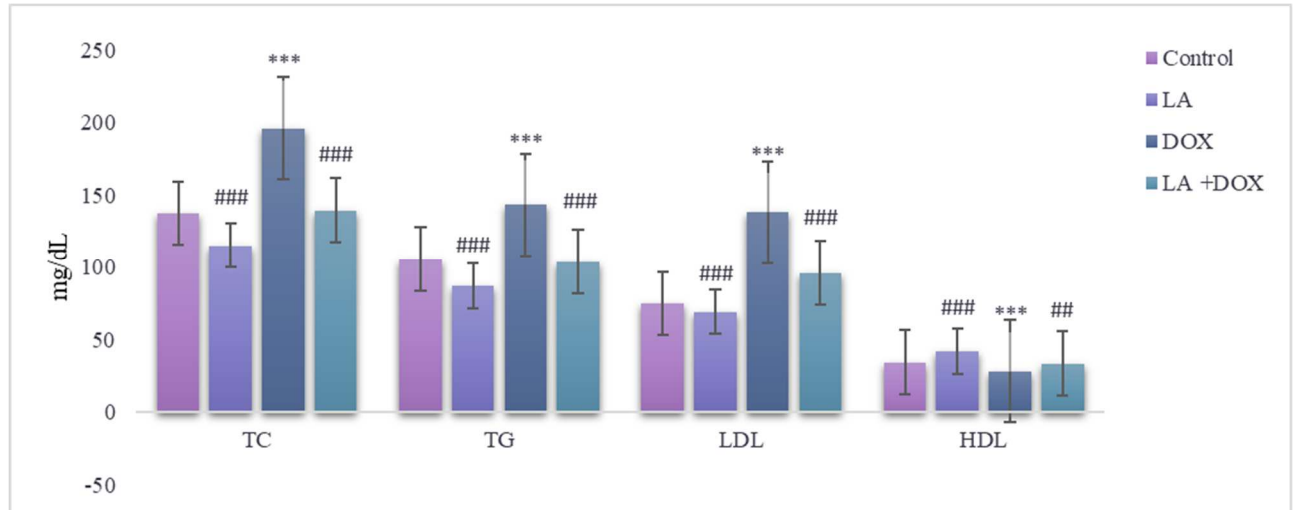


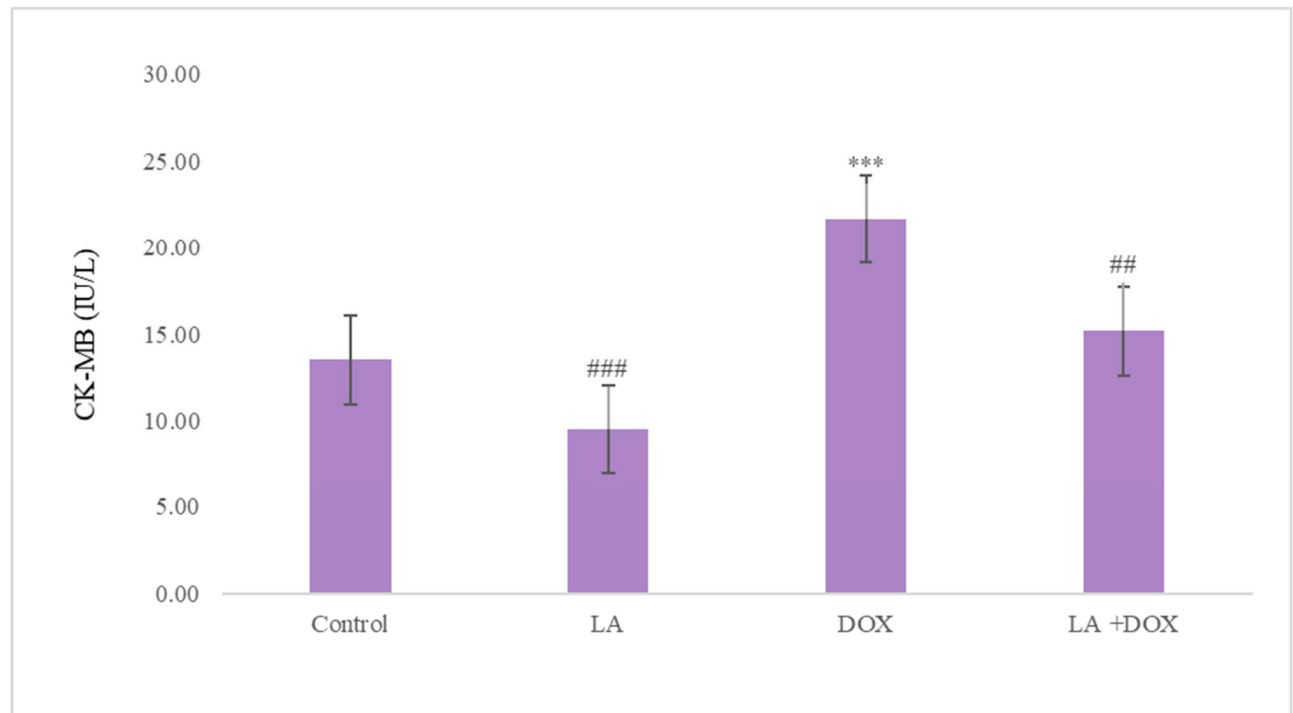
## Supplementary data



**Supplementary Fig. S1:** LA ameliorated DOX-induced alterations in lipid markers in serum. Rats (n = 6) were administered 15 mg/kg DOX with or without LA (500 mg/ kg for 14 days). One-way ANOVA was applied for statistical analysis, followed by post hoc Tukey's test using SPSS version 22.0.

\*\*\*P < 0.001 when compared with control.

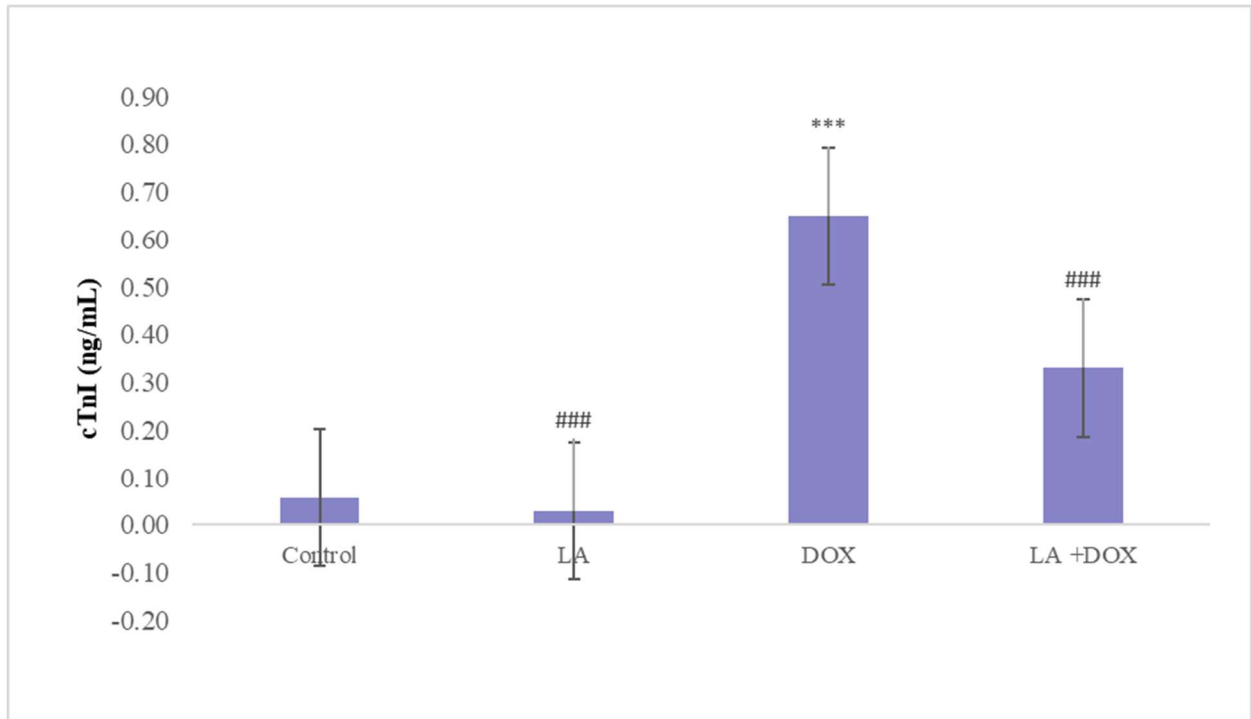
###P < 0.001, ##P < 0.01 when compared with DOX.



**Supplementary Fig. S2:** LA ameliorated DOX-induced alterations in cardiac marker [creatin kinase-MB (CK-MB U/L)] in serum. Rats (n = 6) were administered 15 mg/kg DOX with or without LA (500 mg/ kg for 14 days). One-way ANOVA was applied for statistical analysis, followed by post hoc Tukey's test using SPSS version 22.0.

\*\*\*P < 0.001 when compared with control.

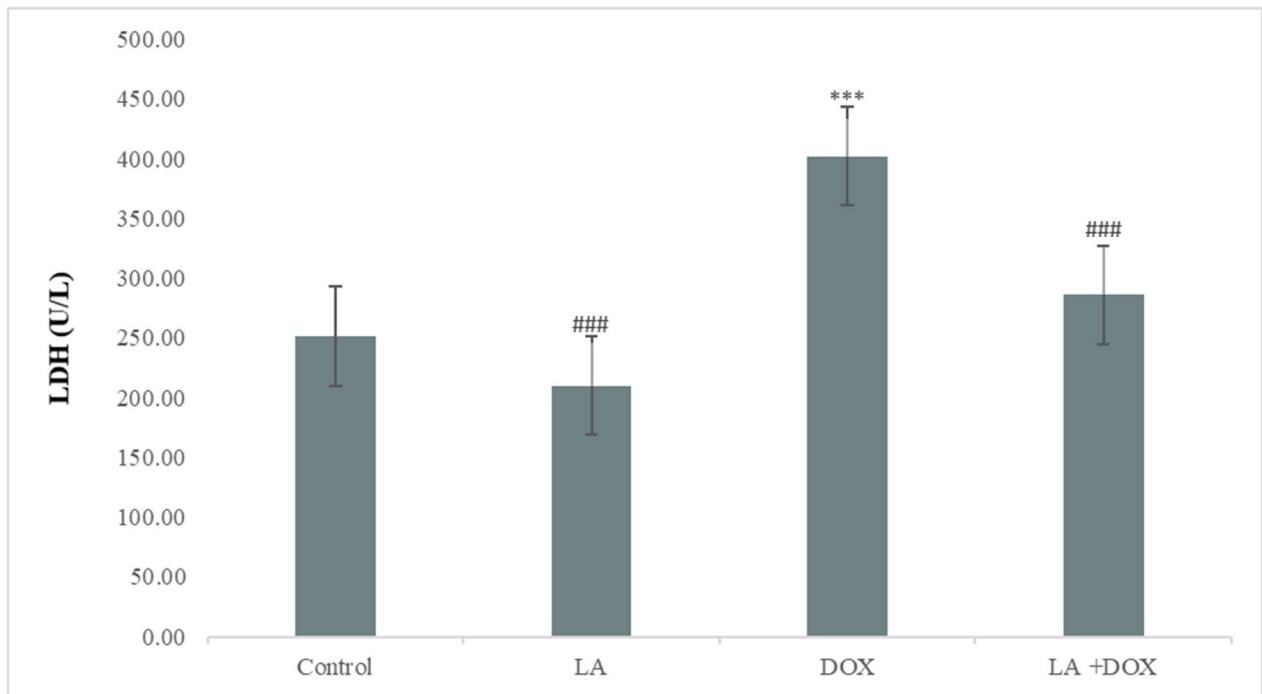
###P < 0.001, ##P < 0.01 when compared with DOX.



**Supplementary Fig. S3:** LA ameliorated DOX-induced alterations in cardiac marker [cardiac troponin I (cTnI ng/mL)] in serum. Rats (n = 6) were administered 15 mg/kg DOX with or without LA (500 mg/ kg for 14 days). One-way ANOVA was applied for statistical analysis, followed by post hoc Tukey's test using SPSS version 22.0.

\*\*\*P < 0.001 when compared with control.

###P < 0.001 when compared with DOX.



**Supplementary Fig. S4:** LA ameliorated DOX-induced alterations in cardiac marker [lactate dehydrogenase (LDH U/L)] in serum. Rats (n = 6) were administered 15 mg/kg DOX with or without LA (500 mg/ kg for 14 days). One-way ANOVA was applied for statistical analysis, followed by post hoc Tukey's test using SPSS version 22.0.

\*\*\*P < 0.001 when compared with control.

###P < 0.001 when compared with DOX.