

Influence of AST and ISO on changes in the content of myoglobin, troponin I and LDH in rat heart tissue lysates.

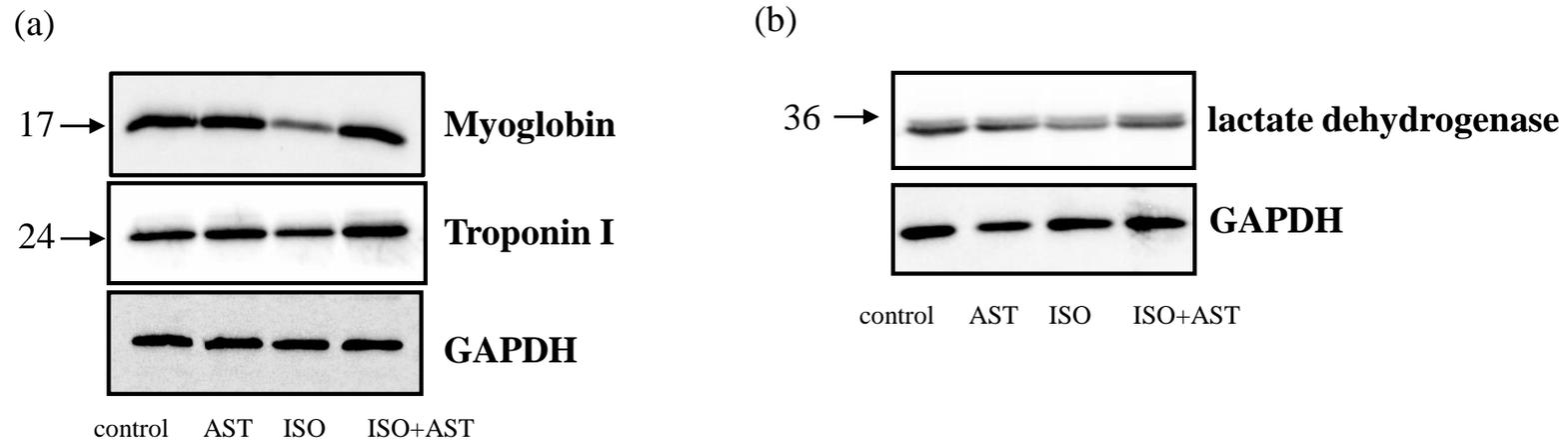


Figure 1. Protein samples were extracted and subjected to Western blot. GAPDH was used as a protein load control. (a) and (b) - immunostaining with antibodies to myoglobin, troponin I, LDH and GAPDH; GAPDH was used as a loading control.

Histological analysis of the left ventricle of the heart of rats after AST administration and ISO injection

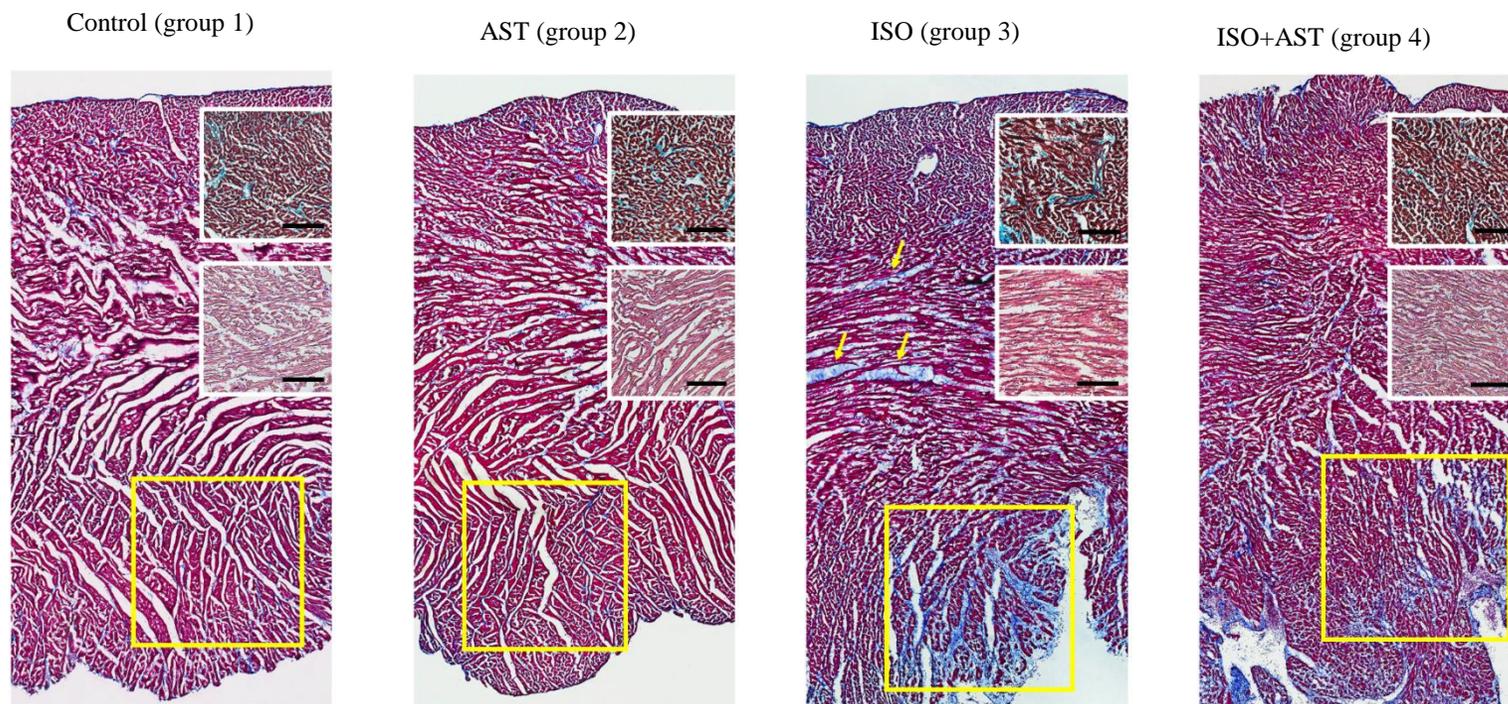


Figure 2. Light microscopy; the main images – Masson's trichrome staining (collagen/fibrosis is stained with blue, muscle and other tissues are stained with red, and cell nuclei are stained with brown);

upper insets – magnified fragments of the subendocardial zone of the myocardium with predominantly transverse section of myocardial fibers;

Lillie's trichrome staining (collagen/fibrosis is shown in blue; muscle and other tissues are in red-brown; cell nuclei are in brown-black);

middle insets – magnified fragments of the median zone of the myocardium; H&E (cell nuclei are in blue, erythrocytes are in red, muscle tissue is in pink);

lower fragments contoured in yellow are the most typical regions of the subendocardial zone of the myocardium compared;