Rat Myocardial Ischemia/Reperfusion Model

Model & Experimental Details

- Sprague-Dawley Rats
- Occlusion of the LAD Coronary Artery followed by Reperfusion (24 hours)
- Elevated Serum Creatinine Kinase and Lactate Dehydrogenase
- Evans Blue and TTC Staining: Left Ventricle, Area at Risk (AAR) and Infarct Size (IS)

Serum Ischemia/Reperfusion Markers

- Creatinine Kinase-MB
- Lactate Dehydrogenase

Histological Evaluation

- AAR/LV
- IS/AAR
- IS/LV