

	SHAM groups			Myocardial infarction groups			p values		
	SR0	SR002	SR02	IR0	IR002	IR02	p (I)	p (R)	p (IxR)
<b>LDH activity</b> (nmol/mg protein)	162±8.0 <sup>a</sup>	179±11.8 <sup>b</sup>	165±8.0	192±11.8 <sup>a,A,C</sup>	147±9.6 <sup>c,A</sup>	151±8.0 <sup>C</sup>	0.525	0.063	<b>0.014*</b>
<b>PIDH activity</b> (nmol/mg tissue)	323±12.9	349±17.2	342±8.50	275±14.3	327±14.9	319±4.88	<b>0.041</b>	<b>0.062</b>	0.489
<b>CS activity (nmol/mg tissue)</b>	26.1±1.5 <sup>a</sup>	26.2±1.7 <sup>b</sup>	26.6±2.3	18.3±1.2 <sup>a,A,C</sup>	34.8±3.5 <sup>b,A</sup>	31.2±1.2 <sup>C</sup>	0.152	0.011	<b>&lt;0.001*</b>
<b>OHADH activity</b> (nmol/mg protein)	22.9±2.5	18.5±2.7 <sup>b</sup>	16.4±1.7 <sup>c</sup>	32.2±2.5 <sup>A,C</sup>	58.6±6.5 <sup>b,A</sup>	59.8±7.4 <sup>c,C</sup>	<0.001	0.071	<b>&lt;0.001*</b>
<b>ATP synthase activity</b> (nmol/mg tissue)	24.7±1.9	27.8±2.5	34.6±3.7	26.7±2.1	36.3±3.2	38.5±2.8	<b>0.039</b>	<b>0.008</b>	0.569
<b>Complex I activity</b> (nmol/mg tissue)	3.8±0.2 <sup>a</sup>	3.5±0.4 <sup>b</sup>	3.8±0.3	2.8±0.3 <sup>a,A,C</sup>	4.6±0.5 <sup>b,A</sup>	4.4±0.2 <sup>C</sup>	0.389	0.03	<b>0.004*</b>
<b>Complex II activity</b>	6.0±0.4	6.2±0.4	5.6±0.5 <sup>c</sup>	5.4±0.2 <sup>C</sup>	5.5±0.5 <sup>B</sup>	8.3±0.5 <sup>c,B,C</sup>	0.192	0.009	<b>&lt;0.001*</b>

<b>(nmol/mg tissue)</b>									
<b>LH (nmol/mg tissue)</b>	202±10.2 <sup>a</sup>	233 ±9.8 <sup>b</sup>	230±10.3	331±12.7 <sup>a,C</sup>	319±9.6 <sup>b,A,B,C</sup>	235±9.6 <sup>B,C</sup>	<0.001	<0.001	<b>&lt;0.001*</b>
<b>Catalase activity (nmol/mg tissue)</b>	92.4±7.0	79.2±12.7	92.1±5.6	67.3±4.3	87.9±5.8	77.5±4.3	0.091	0.766	0.072
<b>SOD activity (nmol/mg protein)</b>	7.1±0.8 <sup>a</sup>	8.5±0.7	8.5±0.9	13±0.6 <sup>a,A,C</sup>	8.9±0.3 <sup>A</sup>	8.7±0.2 <sup>C</sup>	<0.001	0.274	<b>&lt;0.001*</b>
<b>GSH-Px activity (nmol/mg tissue)</b>	34±1.3 <sup>a</sup>	29±1.4	29±3.0	19±0.6 <sup>a</sup>	24±3.2	28±3.1	<0.001	0.712	<b>0.031*</b>