

Table S1. Statistical values of HT group (including the squares of F, df, P and eta).

Indexes	F	df	P	eta squared
Osmotic pressure	74.944	3	0.000	0.966
Blood glucose	1.785	3	0.228	0.401
Lactic acid	0.518	3	0.681	0.163
K+	39.216	3	0.000	0.936
Na+	43.100	3	0.000	0.942
Cl-	27.005	3	0.000	0.910
Cortisol	2.841	3	0.106	0.516
triglyceride	405.077	3	0.000	0.993
cholesterol	2380.509	3	0.000	0.999
alkaline phosphatase	198.979	3	0.000	0.987
C3	49.035	3	0.000	0.948
C4	2346.121	3	0.000	0.999
Gill SOD	5.602	3	0.023	0.678
Liver SOD	12.024	3	0.002	0.818
Red muscle SOD	26.504	3	0.000	0.909
White muscle SOD	35.102	3	0.000	0.929
Gill MDA	4.294	3	0.044	0.617
Liver MDA	69.705	3	0.000	0.963
Red muscle MDA	3.499	3	0.07	0.568
White muscle MDA	2.613	3	0.123	0.495
Liver alkaline phosphatase	128.505	3	0.000	0.980

Table S2. Statistical values between the control group and experimental group (including the squares of df, P and Sig).

Indexes		df	P	Sig
Osmotic pressure	0h	2	0.766	0.423
	6h	2	0.000	0.059
	24h	2	0.000	0.002
	48h	2	0.000	0.007
Blood glucose	0h	2	0.333	0.423
	6h	2	0.000	0.033
	24h	2	0.000	0.213
	48h	2	0.000	0.019
Lactic acid	0h	2	0.095	0.423
	6h	2	0.037	0.001
	24h	2	0.000	0.150
	48h	2	0.004	0.000
K+	0h	2	0.004	0.423
	6h	2	0.000	0.130
	24h	2	0.000	0.000
	48h	2	0.000	0.000
Na+	0h	2	0.162	0.667
	6h	2	0.000	0.058
	24h	2	0.000	0.003
	48h	2	0.000	0.300
Cl-	0h	2	0.073	0.216
	6h	2	0.000	0.242
	24h	2	0.000	0.122

	48h	2	0.000	0.187
Cortisol	0h	2	0.095	0.395
	6h	2	0.301	0.062
	24h	2	0.950	0.667
	48h	2	0.259	0.010
triglyceride	0h	2	0.150	0.440
	6h	2	0.921	0.005
	24h	2	0.431	0.011
	48h	2	0.452	0.002
cholesterol	0h	2	0.454	0.395
	6h	2	0.586	0.000
	24h	2	0.717	0.000
	48h	2	0.372	0.000
alkaline phosphatase	0h	2	0.646	0.321
	6h	2	0.453	0.010
	24h	2	0.255	0.000
	48h	2	0.057	0.000
C3	0h	2	0.653	0.452
	6h	2	0.121	0.003
	24h	2	0.475	0.073
	48h	2	0.809	0.003
C4	0h	2	0.918	0.392
	6h	2	0.879	0.007
	24h	2	0.252	0.000
	48h	2	0.234	0.000
Gill SOD	0h	2	0.019	0.480
	6h	2	0.617	0.366
	24h	2	0.446	0.113
	48h	2	0.673	0.591
Liver SOD	0h	2	0.009	0.184
	6h	2	0.378	0.017
	24h	2	0.362	0.024
	48h	2	0.008	0.004
Red muscle SOD	0h	2	0.018	0.471
	6h	2	0.161	0.320
	24h	2	0.090	0.010
	48h	2	0.398	0.115
White muscle SOD	0h	2	0.001	0.184
	6h	2	0.099	0.002
	24h	2	0.873	0.043
	48h	2	0.460	0.005
Gill MDA	0h	2	0.261	0.404
	6h	2	0.955	0.197
	24h	2	0.973	0.227
	48h	2	0.023	0.326
Liver MDA	0h	2	0.828	0.404
	6h	2	0.926	0.027
	24h	2	0.084	0.261
	48h	2	0.599	0.017

Red muscle MDA	0h	2	0.002	0.184
	6h	2	0.646	0.159
	24h	2	0.891	0.715
	48h	2	0.290	0.019
White muscle MDA	0h	2	0.213	0.483
	6h	2	0.254	0.005
	24h	2	0.805	0.409
	48h	2	0.309	0.290
Liver alkaline phosphatase	0h	2	0.195	0.742
	6h	2	0.143	0.002
	24h	2	0.592	0.000
	48h	2	0.681	0.191
