

Table 1. Effects of HT on cell viability MTT assay.

	LPS - / HT -	LPS +/HT -	LPS +/ HT 10 μ M	LPS +/ HT 25 μ M
Cell viability	100 \pm 0	99.2 \pm 0.37	99 \pm 0.44	96.8 \pm 1.77

Table 2. Effects of HT on inflammation and oxidative stress in MAC-T cells stimulated with LPS for 1 hour

	LPS - / HT -	LPS +/HT -	LPS +/ HT 10 μ M	LPS +/ HT 25 μ M
ROS	100 \pm 0	282 \pm 8.60	227.4 \pm 19.02	211.4 \pm 8.87
GSH	0.95 \pm 0.02	0.5 \pm 0.05	0.7 \pm 0.04	0.78 \pm 0.05
HO-1	1 \pm 0	0.82 \pm 0.05	1.18 \pm 0.08	1.22 \pm 0.07
NQO-1	1 \pm 0	0.78 \pm 0.06	1.17 \pm 0.07	1.38 \pm 0.13
Txnrd1	1 \pm 0	0.61 \pm 0.04	0.99 \pm 0.09	1.06 \pm 0.14
NOX-1	1 \pm 0	2.76 \pm 0.11	2.28 \pm 0.08	1.98 \pm 0.12
TNF- α	450 \pm 97.47	3060 \pm 163.1	2160 \pm 271.3	1880 \pm 276.4
IL1- β	118 \pm 34.26	2214 \pm 154.9	1650 \pm 120.4	1400 \pm 138.7
IL-6	170 \pm 30	3840 \pm 120.8	2760 \pm 317.2	2720 \pm 171.5

ROS, reactive oxygen species; GSH, glutathione peroxidase; HO-1, heme oxygenase-1; NQO-1, NAD(P)H quinone oxidoreductase-1; NOX-1, NADPH oxidase 1; Txnrd1, thioredoxin reductase 1; TNF- α , tumor necrosis factor α ; IL1- β , interleukin 1- β ; IL-6, interleukin 6.

Table 3. Effects of HT on inflammation and oxidative stress in MAC-T cells stimulated with LPS for 6 hours.

	LPS - / HT -	LPS +/HT -	LPS +/ HT 10 μ M	LPS +/ HT 25 μ M
ROS	100 \pm 0	321 \pm 14.18	245 \pm 14.49	200.2 \pm 6
GSH	0.96 \pm 0.02	0.4 \pm 0.05	0.74 \pm 0.06	0.84 \pm 0.06
HO-1	1 \pm 0	0.7 \pm 0.08	1.2 \pm 0.04	1.56 \pm 0.07
NQO-1	1 \pm 0	0.59 \pm 0.08	1.19 \pm 0.13	1.48 \pm 0.08
Txnrd1	1 \pm 0	0.53 \pm 0.06	1.09 \pm 0.09	1.2 \pm 0.13
NOX-1	1 \pm 0	2.74 \pm 0.10	2.18 \pm 0.08	1.78 \pm 0.10
TNF- α	270 \pm 86.02	3876 \pm 85.88	2092 \pm 92.27	1608 \pm 174.3
IL1- β	118 \pm 34.26	2988 \pm 63.98	1842 \pm 105.4	1288 \pm 151
IL-6	170 \pm 30	3074 \pm 119.6	2179 \pm 104.9	1572 \pm 192.8

ROS, reactive oxygen species; GSH, glutathione peroxidase; HO-1, heme oxygenase 1; NQO-1, NAD(P)H quinone oxidoreductase-1; NOX-1, NADPH oxidase 1; Txnrd1, thioredoxin reductase 1; TNF- α , tumor necrosis factor α ; IL1- β , interleukin 1- β ; IL-6, interleukin 6.

Table 4. Effects of HT on casein isoforms in differentiated MAC-T cells

	No differentiation	Differentiation LPS - / HT-	Differentiation LPS + / HT -	Differentiation LPS + / HT 10 μ M	Differentiation LPS + / HT 25 μ M
α casein S1	0.26 \pm 0.05	1 \pm 0	0.37 \pm 0.07	0.75 \pm 0.08	1.01 \pm 0.06
α casein S2	0.26 \pm 0.05	1 \pm 0	0.34 \pm 0.06	0.71 \pm 0.12	1.07 \pm 0.08
β casein	0.39 \pm 0.05	1 \pm 0	0.40 \pm 0.08	0.90 \pm 0.09	1.18 \pm 0.09

