

**Table S1**

**The sensitivity of the kits**

Kits	Sensitivity
SOD	5 U/mL
AST	0.001 U/L
CAT	5 U/mL
ALT	0.001 U/L
IL-1 $\beta$	<1.0 pg/mL
LPS	<1.0 EU/L
TNF- $\alpha$	<1.0 pg/mL
occludin	<1.0 ng/mL
ZO-1	<1.0 ng/mL
claudin	<1.0 pg/mL