

**Table S1.** Plasma H<sub>2</sub>S, thiosulfate and H<sub>2</sub>S-to-thiosulfate ratio in CKD children.

CKD Stage	n	H <sub>2</sub> S $\mu$ M/L	Thiosulfate $\mu$ M/L	HTR $\mu$ M/ $\mu$ M
Stage 1	35	16.8 $\pm$ 10.5	1.18 $\pm$ 1.6	49.2 $\pm$ 67.5
Stage 2	17	14.3 $\pm$ 5.3	0.9 $\pm$ 1.21	44.4 $\pm$ 42.1
Stage 3	3	8.8 $\pm$ 1.04	0.76 $\pm$ 0.9	39.1 $\pm$ 45.7
Stage 4	1	37.8	0.51	74.2

Data are mean  $\pm$  SD or actual number. HTR = H<sub>2</sub>S-to-thiosulfate ratio.