

Supplementary Table 1. Standard dilution series for F2- isoprostane analysis.

Number	V (ELISA buffer) (μL)	V (standard) (μL)	concentration (pg/mL)
1	900	100 (5 ng/ml)	500
2	750	500 std 1	200
3	750	500 std 2	80
4	750	500 std 3	32
5	750	500 std 4	12.8
6	750	500 std 5	5.1
7	750	500 std 6	2
8	750	500 std 7	0.8

Supplementary Table 2. Standard dilutions for the ABTS assay. Starting standard concentration was 10 mg/mL.

Standards	Dilution	Volume ascorbic acid stock solution (μL)	Volume deionized H ₂ O (μL)	Concentration (mg/mL)
1	/	/	1000	0
2	1:200	5	995	0,05
3	1:100	10	990	0,1
4	1:50	20	980	0,2
5	1:33,33	30	970	0,3
6	1:25	40	960	0,4
7	1:20	50	950	0,5

Supplementary Table 3. Standard dilutions for the FRAP assay. Starting concentration was 2535 mg/L.

Standard	Dilution	Volume stock (μL)	Distilled water (μL)	Concentration (mg/L)
Blank	/	0	1000	0
Standard 1	1:400	2.5	997.5	6.34
Standard 2	1:200	5	995	12.68
Standard 3	1:133.33	7.5	992.5	19.02
Standard 4	1:100	10	990	25.35
Standard 5	1:66.66	15	985	38.03
Standard 6	1:50	20	980	50.7
Standard 7	1:33.33	30	970	76.06
Standard 8	1:25	40	960	101.44
Standard 9	1:20	50	950	126.8

Supplementary Table 4a. Standard dilutions for the IL-6 assay.

Number	V(ELISA assay buffer) (μl)	V (standard) (μL)	IL-6 concentration (pg/mL)
1	350 (for 3 blanks)	0	0
2	475	25 (5000 pg/mL)	250
3	250	250 std 2	125
4	250	250 std 3	62,5
5	250	250 std 4	31,2
6	250	250 std 5	15,6
7	250	250 std 6	7,8
8	250	250 std 7	3,9

Supplementary Table 4b. Standard dilutions for the IL-8 assay.

Number	V(ELISA/ELISPOT diluent) (μL)	V (standard) (μl)	IL8 concentration (pg/mL)
1	0	120 stock	250
2	120	120 μL std 1	125
3	120	120 μL std 2	62.5
4	120	120 μL std 3	31.2
5	120	120 μL std 4	15.6
6	120	120 μL std 5	7.8
7	120	120 μL std 6	3.9
Blank	120	0	0

Supplementary Table 5. Standard dilutions for the MDA assay.

Tube	MDA 25 μM (μL)	Water (μL)	MDA concentration (μM)
A	0	500	0
B	2.5	498	0.125
C	5	495	0.25
D	10	490	0.5
E	20	480	1
F	50	450	2.5
G	100	400	5
H	200	300	10
I	400	100	20

Supplementary Table 6. Standard dilutions for DNA/RNA oxidative damage assay.

Number	V(ELISA Buffer) (μL)	V (standard) (μL)	concentration (pg/mL)
1	900	100 (30 ng/mL)	3000
2	500	400 std 1	1333
3	500	400 std 2	592.6
4	500	400 std 3	263.4
5	500	400 std 4	117.1
6	500	400 std 5	52
7	500	400 std 6	23.1
8	500	400 std 7	10.3