Extracellular iron diminishes anticancer effects of vitamin C: An *in vitro* study

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Table S1. Concentration of iron and relative viability of cancer cells exposed to ascorbate in plasma samples obtained from six volunteers.

Volunteer	1	2	3	4	5	6
Fe (µM)	**13.74 ± 1.36**	**12.52 ± 1.85**	**17.80 ± 3.06**	**16.91 ± 1.45**	**27.95 ± 3.40**	**21.52 ± 1.09**
Asc (mM)	Viability of LNCaP (MTT)					
0	1.00 ± 0.05	1.00 ± 0.03	1.00 ± 0.03	1.00 ± 0.07	1.00 ± 0.03	1.00 ± 0.06
5	0.96 ± 0.06	0.93 ± 0.06	1.03 ± 0.03	1.02 ± 0.03	0.99 ± 0.07	1.04 ± 0.05
10	0.94 ± 0.13	0.78 ± 0.11*	0.93 ± 0.06*	0.93 ± 0.08	0.96 ± 0.08	1.01 ± 0.03
Asc (mM)	Viability of LNCaP (CV)					
0	1.00 ± 0.03	1.00 ± 0.05	1.00 ± 0.02	1.00 ± 0.01	1.00 ± 0.04	1.00 ± 0.06
5	0.90 ± 0.01	0.91 ± 0.05	1.06 ± 0.06	0.98 ± 0.04	0.94 ± 0.04	1.04 ± 0.07
10	0.85 ± 0.15	0.74 ± 0.11*	0.95 ± 0.05	0.82 ± 0.04*	0.90 ± 0.05*	0.94 ± 0.04
Asc (mM)	Viability of PC3 (MTT)					
0	1.00 ± 0.07	1.00 ± 0.03	1.00 ± 0.04	1.00 ± 0.12	1.00 ± 0.07	1.00 ± 0.11
5	1.13 ± 0.11	1.03 ± 0.05	1.04 ± 0.03	1.13 ± 0.11	0.96 ± 0.03	1.10 ± 0.05
10	1.01 ± 0.04	0.98 ± 0.07	1.00 ± 0.07	1.05 ± 0.13	0.97 ± 0.10	1.00 ± 0.05
Asc (mM)	Viability of PC3 (CV)					
0	1.00 ± 0.04	1.00 ± 0.06	1.00 ± 0.04	1.00 ± 0.04	1.00 ± 0.01	1.00 ± 0.05
5	1.05 ± 0.06	0.96 ± 0.03	0.95 ± 0.01	1.07 ± 0.08	1.09 ± 0.01	1.16 ± 0.06
10	0.94 ± 0.08	0.94 ± 0.07	0.95 ± 0.08	0.89 ± 0.08	1.11 ± 0.06	1.03 ± 0.04

* - significant ($p < 0.05$) compared to control (0 mM ascorbate)