

### Supplemental Table 1. metal content of water, media, and human tissue

	<b>Fe</b>	<b>Mg</b>	<b>Ca</b>	<b>Mn</b>	<b>Co</b>	<b>Ni</b>	<b>Cu</b>	<b>Zn</b>
deionized water	0.000	0.833	5.112	0.015	0.000	0.000	0.000	0.000
ultrapure water	0.000	0.000	0.925	0.010	0.000	0.000	0.000	0.000
Terrific Broth	24	237	290	0.9	1.9	0.1	1.3	56
Insect Media	7.6	6253	4591	0.3	0.6	0.1	1.1	11
normal human cervix*	319	nr	1,782	6	nr	nr	29	295

*Table values are micromolar ( $\mu\text{M}$ ). nr=not-reported*

*\*From Cuzhi, H. 2003*