

Table 2. *Monas* sp. Volume estimates after preservation as percent of live volume. The live volume as measured with the Coulter Counter was 15.09 μm^3

Preservative	Ml of preservative added to 50 ml sample	Method			
		Coulter Counter 1*	Coulter Counter 2**	DAPI	Phase contrast
Glutardialdehyde	1	46.5	44.4	43.9	58.5
	5	50.3	51.2	65.7	49.8
Formaldehyde	1	60.0	41.0	50.2	57.3
	5	72.8	46.6	56.0	76.2
HgCl ₂ (sat.)	1	49.6	45.9	33.7	86.2
	5	80.9	73.6	31.7	114.6
Lugol	0.5	42.9	41.3	30.4	65.3
	2.5	43.2	42.9	ND	50.0

* After 2 h; ** after 2 wk; ND: not determined