

Table 1. Limits of Detection (fg) at 32 cycles for most common mycoplasma species determined by the Universal Mycoplasma Detection Kit. The highlighted top eight account for 95% of all mycoplasma contamination in cell culture.

	Species		Ct at indicated fg target DNA						LOD (fg) at 32 cycles
Top 8	Target	Mismatches	100	50	20	10	5	2	32
*	<i>M. hyorhinitis</i>	0	26	26	25.5	30.3	30.6	32.1	2
*	<i>M. orale</i>	0	23.2	25.4	27.2	27.6	30.4	32.1	2
*	<i>M. hominis</i>	0	23.1	23.1	25.3	25.8	27.5	28.6	2
*	<i>M. salivarium</i>	0	26.6	27.4	30.4	30.6	31.3	33.1	5
*	<i>M. arginini</i>	0		25.7	29.4		30.1	34.4	5
*	<i>A. laidlawii</i>	0		26.5	30.1		31.4	36.1	5
*	<i>M. fermentans</i>	1	27.4	28.3	30.6	32	33.8	33.2	10
*	<i>M. pirum</i>	1	25.2	23.8	24.6	28.5	31.2	31.3	2
	<i>M. bovis</i>	1	25.1	26.8	28.1	30.2	32.1	32.2	2
	<i>M. gallisepticum</i>	1	25.8	26.9	28.7	30.6	31.4	31.8	2
	<i>M. hyposynoviae</i>	4	26.6	27.8	30.4	31.4	34	34	10
	<i>M. ovipneumoniae</i>	2	26.7	32.3	33.2	36.3	35.4	36.3	50