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RELATIONSHIP OF VIRAL AND NUCLEAR DNA LABELING WITH H³ - THYMIDINE

ALL INFECTED CELLS RANKED BY
DEGREE OF NUCLEAR LABELING

INFECTED CELLS WITH 10 OR MORE
GRAINS PER INCLUSION

GRAINS PER NUCLEUS (ESTIMATE)	NUMBER OF CELLS FOUND	MEAN GRAINS PER INCLUSION (COUNTS)	PROPORTION OF CELLS IN THIS GROUP	MEAN GRAINS PER INCLUSION
0	77	6.7	17/77 (22.7%)	16.4
50	22	16.7	13/22 (59.0%)	24.0
150	26	21.0	20/26 (70.9%)	26.6
450	34	23.8	31/34 (91.2%)	24.4
1500	67	29.8	57/67 (85.1%)	33.9

MITOTIC INDICES IN NORMAL AND ORNITHOSIS-INFECTED HeLa CELLS

EXPERIMENT NUMBER	TYPE OF CELL SYSTEM	TIME AFTER INFECTION	MITOSES PER 1000 CELLS ± STANDARD ERROR*
1	INFECTED	19 HOURS	21.5 ± 1.3
	INFECTED	30 HOURS	5.0 ± 0.4
	CONTROL	30 HOURS	24.0 ± 0.8
2	INFECTED	48 HOURS	7.0 ± 2.1
	INFECTED	48 HOURS	12.2 ± 1.9
	CONTROL	48 HOURS	30.7 ± 3.5
	CONTROL	48 HOURS	32.4 ± 5.4

* Each value represents the mean of 4 samples of 1000 cells.