

TABLE S4, SHEET 1 (pages 1-14) -- PERCENTAGE OF TOTAL LDH RELEASED		ABBREVIATIONS USED IN THIS TABLE ARE DEFINED ON PAGE 14	
LDH Release Data for Fig 3, Table 1, & Table S6		TREATMENTS IN SHEET 1 (pages 1-14) ARE SHOWN BELOW IN DARK BLUE, BOLD-FACE TYPE	
The purpose of this table (Table S4) is to provide the individual values for the data (means and standard deviations) shown in Fig 3, Table 1, & Table S6			
In this table (Table S4) each mean and standard deviation is shown below the corresponding individual values.			
Some data shown here are summarized in Figure 3, Table 1 & Table S6.			
Data (means & standard deviations) used in Figure 3 are highlighted in pink below.		Sheet 2 gives an additional summary of some of the means & standard deviations in this table	

The numbers 1, 2, 3, & 4 indicate the hours after addition of the rickettsiae or mock-infection.

		1	2	3	4			1	2	3	4
black=69	Mk Ctrl	0.03	1.07	1.32	1.28	Mk Ctrl	Peg 4000 d/a	0.23	0.79	1.52	0.61
red=70		0.00	0.6	0.85	0.84			0	1.12	0.49	0.88
green=71		0.2	0.5	0.2	0.7			0.4	1.9	1.1	1.1
black=68		0	0.1	0	0.3			1.1	1.2	0.5	1.1
red=72		0.4	0	0	2.1			3.9	3.3	3.3	3.4
green=74		0.3	0	0	0			2.4	1.8	1.8	2
black=75		0.00		2.3	0.6						0.5
purple=80		0.00		0.1	0.7						0.3
black=69 later		0.5		0	0.5						
		0.3		0.1	0.8						
				0	0.5						
				0	0.6						
				0.3	0.4						
				0.2	0.7						
				0.5	0.2						
				0.2							
Mk Ctrl	Mean	0.18	0.38	0.38	0.68						
	Std Dev	0.20	0.43	0.63	0.49						
RpL Ctrl		0	0.59	2.1	0.82	RpL Ctrl	Peg 4000 d/a	0	0.29	0.63	0.75
		0	0.46	1.07	1.11			0	0.37	0.7	0.55
		0.00									
		0.00									
RpL Ctrl	Mean	0.00	0.53	1.59	0.97			0.0	0.3	0.7	0.7
	Std Dev	0.00	0.09	0.73	0.21			0.0	0.1	0.0	0.1

RpM Ctrl	0	0.67	2.97	1.07
	0.08	0.59	1.19	0.79
	0.3	0.3	0.3	1.1
	0.4	1.1	0.2	0.9
	0	1.1	1.2	0
	0	0	0	0
	0.00		0.5	0.8
	0.00		0.4	1
	0.9		0.6	1.1
	0.4		0.4	1
	0.9		0.1	1.1
			0.2	0.5
			0.1	0.4
			0.3	

RpM Ctrl	Mean	0.28	0.63	0.57	0.75
	Std Dev	0.36	0.44	0.73	0.40

RpH Ctrl	0	0	1.17	1.35
	0.07	0.42	1.42	1.52
	0.35			1.4
	0.00			1.3

RpH Ctrl	Mean	0.11	0.21	1.30	1.39
	Std Dev	0.17	0.30	0.18	0.09

Mk IFN	0.05	1.88	2.22	1.92
	0	0	1.04	0.82
	0.4	0.4	0.9	1.8
	0.1	0.4	0.2	0.3
	0.4	0	0	0
	1.6	0	1.1	0
	0.00		0.7	0.9
	0.00		0.5	1
	0.4		0.6	0.6
	1.0		0.5	0.3
			0.3	0.6
			0.9	0.6
			0.1	0.9
			0.1	0.4

Mk IFN	Mean	0.40	0.45	0.59	0.72
	Std Dev	0.53	0.73	0.57	0.55

RpM Ctrl	Peg 4000 d/a	0	1.03	0.89	1.25
		0.02	0.38	0.65	0.72
		0.5	1.1	1.1	1.1
		0.8	0.6	1.9	1.4
		2.5	3.1	3.6	3.6

Mean	0.8	1.2	1.6	1.6
Std Dev	1.0	1.1	1.2	1.1

RpH Ctrl	Peg 4000 d/a	0	0.48	0.7	0.78
		0	0.39	0.61	0.67
					0.9

Mean	0.0	0.4	0.7	0.9
Std Dev	0.0	0.1	0.1	0.3

Mk IFN	Peg 4000 d/a	0.11	0	2.51	2.95	2.95
		0.02	0	3.07		8
		1	3.1	5.1	8	7.7
		1.5	3.1	5.4	7.7	5.6
		0.4	3	4.1	5.6	5.5
		4.3	3.6	4.2	5.5	1.9
					1.9	2.2
					2.2	

Mean	1.2	2.1	4.1	4.8	4.8
Std Dev	1.6	1.7	1.1	2.5	2.5

RpL IFN 1.57 27.4 37.84 43.07  
1.6 29.45 40.87 44.96  
**1.08**  
**2.04**

RpL IFN	Mean	1.57	28.43	39.36	44.02
	Std Dev	0.39	1.45	2.14	1.34

RpM IFN 3.76 41.75 52.12 55.62  
2.81 43.3 54.58 58.46  
5 43.3 57.1 65.4  
3.9 47.5 63 74.3  
8.9 38.6 47.5 49.1  
9.5 36.9 43.8 46.1  
**2.26** 60.3 66.1  
**3.02** 58 61.4  
1.3 61.5 67.5  
1.2 58.6 62.1  
1.3 57.2 50  
59.9 49.4  
50.8 50  
53.1  
53.2  
52.4

RpM IFN	Mean	3.91	41.89	55.19	58.11
	Std Dev	2.88	3.77	5.23	8.82

RpH IFN 7.78 54.58 62.02 64.64  
6.68 56.31 67.41 68.42  
**5.04** 78.1  
**6.94** 78.6

RpH IFN	Mean	6.61	55.45	64.72	72.44
	Std Dev	1.15	1.22	3.81	7.00

RpL IFN Peg 4000 d/a 0 12.62 21.88 27.74  
0.48 11.27 21.26 23.35

Mean	0.2	11.9	21.6	25.5
Std Dev	0.3	1.0	0.4	3.1

RpM IFN Peg 4000 d/a 0.04 18.57 29.4 32.04  
0 18.89 29.89 34.25  
1 15.7 34.2 40.6  
0.4 14.7 32.7 43.1  
3.1 20.7 30.3 33.4  
1.5 20.1 28.9 32.2

Mean	1.0	18.1	30.9	35.9
Std Dev	1.2	2.4	2.1	4.7

RpH IFN Peg 4000 d/a 0.12 28.44 35.54 36.94  
0.32 27.08 35.05 36.74  
30.3  
30.4

Mean	0.2	27.8	35.3	33.6
Std Dev	0.1	1.0	0.3	3.7

Mk Ctrl Peg 8000 d/a 2.6 1.9 2.8 2.7  
1.7 1.4 1.4 1.6  
1.8 1.8  
2.6 1.7  
2.1 1.8  
1.6 2.8  
2.1 2.2  
1.2 3.6  
1.4 2.9  
1.3 1.5  
1.5 1.6  
1.3 1.4  
2.1  
1.3

Mean	2.2	1.7	1.8	2.1
Std Dev	0.6	0.4	0.5	0.7

Mk Ctrl	Peg 2000 d/a	0	0	0	0										
		0	0	0	0										
					0.6										
					0.8										
		<table><tr><td>Mean</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.4</td></tr><tr><td>Std Dev</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.4</td></tr></table>				Mean	0.0	0.0	0.0	0.4	Std Dev	0.0	0.0	0.0	0.4
Mean	0.0	0.0	0.0	0.4											
Std Dev	0.0	0.0	0.0	0.4											
Mk Ctrl	Peg 4000-15d/a				1										
					1										
		<table><tr><td>Mean</td><td></td><td></td><td></td><td>1.0</td></tr><tr><td>Std Dev</td><td></td><td></td><td></td><td>0.0</td></tr></table>				Mean				1.0	Std Dev				0.0
Mean				1.0											
Std Dev				0.0											
Mk Ctrl	Peg 1450 d/a	0	0	0	0.3										
		0	0	0	0										
		<table><tr><td>Mean</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.2</td></tr><tr><td>Std Dev</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.2</td></tr></table>				Mean	0.0	0.0	0.0	0.2	Std Dev	0.0	0.0	0.0	0.2
Mean	0.0	0.0	0.0	0.2											
Std Dev	0.0	0.0	0.0	0.2											
Mk Ctrl	Peg 400 d/a														
RpM Ctrl	Peg 8000 d/a	1.8	3	2.7	3										
		1.5	2.5	2.3	2.2										
				1.6	1.8										
				1.8	2.9										
				0.9	4.8										
				1.8	2.1										
				1.7	2.4										
				1	4.2										
				1.7	2.4										
				1.6	2.5										
				1.7	1.4										
				1.3	1.4										
				1.7											
				2.1											
		<table><tr><td>Mean</td><td>1.7</td><td>2.8</td><td>1.7</td><td>2.6</td></tr><tr><td>Std Dev</td><td>0.2</td><td>0.4</td><td>0.5</td><td>1.0</td></tr></table>				Mean	1.7	2.8	1.7	2.6	Std Dev	0.2	0.4	0.5	1.0
Mean	1.7	2.8	1.7	2.6											
Std Dev	0.2	0.4	0.5	1.0											
RpM Ctrl	Peg 2000 d/a	0	0.5	0	0										
		0	0	0.5	0										
		<table><tr><td>Mean</td><td>0.0</td><td>0.3</td><td>0.3</td><td>0.0</td></tr><tr><td>Std Dev</td><td>0.0</td><td>0.4</td><td>0.4</td><td>0.0</td></tr></table>				Mean	0.0	0.3	0.3	0.0	Std Dev	0.0	0.4	0.4	0.0
Mean	0.0	0.3	0.3	0.0											
Std Dev	0.0	0.4	0.4	0.0											

RpM Ctrl Peg 1450 d/a 0 0 0 0  
0 0 0 0

Mean	0.0	0.0	0.0	0.0
Std Dev	0.0	0.0	0.0	0.0

RpM Ctrl Peg 400 d/a 0 0 0 0  
0 0 0 0

Mean	0.0	0.0	0.0	0.0
Std Dev	0.0	0.0	0.0	0.0

Mk IFN Peg 8000 d/a 2.3 2.2 2.3 2.6  
2.8 2.7 2.5 3  
2.3 1.9 1.5 1.6  
1.9 2.4 1.8 1.9

2.2	6
2.8	2.6
2.8	2.6
2.2	3.7
1.3	3.5
1.6	3.3
1.6	1.8
1.6	2.3
1.6	1.6
1.6	1.8
2.2	
2.5	

Mean	2.3	2.3	2.0	2.7
Std Dev	0.4	0.3	0.5	1.2

Mk IFN Peg 2000 d/a 0 0 0 0  
0 0 0 0  
0.6  
1.4

Mean	0.0	0.0	0.0	0.5
Std Dev	0.0	0.0	0.0	0.7

Mk IFN Peg 4000-15d/a 1.2  
1.2

Mean		1.2
Std Dev		0.0

Mk IFN Peg 1450 d/a 0 0 0 0  
0 0 0 0

Mean	0.0	0.0	0.0	0.0
Std Dev	0.0	0.0	0.0	0.0

Mk IFN Peg 400 d/a

RpM IFN Peg 8000 d/a 2.8 4.1 3.3 4.8  
2.2 3.6 3.2 3.9  
2 2.5 3 3.5  
2 2.5 3.3 4.3

3.9	4.7
5.1	5.7
5.5	5.1
3.9	5.2
4.6	8.5
4.7	7.3
5.2	5.7
5	7.3
5.1	3.4
5.8	2.9
6.5	3
4.9	

Mean	2.3	3.2	4.6	5.0
Std Dev	0.4	0.8	1.0	1.7

RpM IFN Peg 2000 d/a 1.5 45.7 65.3 78.3  
1.4 44.3 66.6 77.5  
5.7 44.3 51.5 53.6  
3.1 43.6 53 53.5

Mean	2.9	44.5	59.1	65.7
Std Dev	2.0	0.9	8.0	14.1

RpM IFN Peg 1450 d/a 1.8 37.7 59.1 73.1  
2.1 32.8 53.1 61.9  
2.8 37.7 47.9 51.1  
4.2 40.6 49.1 53.2

Mean	2.7	37.2	52.3	59.8
Std Dev	1.1	3.2	5.0	10.0

RpM IFN Peg 400 d/a 2.4 30.3 48.9 63.4  
2.1 25.6 39.8 52.2  
2.5 28.4 36.7 43.5  
2.9 26.2 34.6 41.1

Mean	2.5	27.6	40.0	50.1
Std Dev	0.3	2.2	6.3	10.1

RpM IFN Peg 4000-15d/a 1.4 32.9 54.8 62.8  
2.1 32.7 50.2 57.8

Mean	1.8	32.8	52.5	60.3
Std Dev	0.5	0.1	3.3	3.5

RpM IFN Peg 4000-7.5d/a 2.4 45 63.6 75.2  
3.6 36.7 54.1 62.6

Mean	3.0	40.9	58.9	68.9
Std Dev	0.8	5.9	6.7	8.9

RpM IFN Peg 8000-7.5d/a 1.4 28.4 44.2 58.8  
1.6 21.7 37.6 49

Mean	1.5	25.1	40.9	53.9
Std Dev	0.1	4.7	4.7	6.9

RpH Ctrl Peg 4000-15d/a 3.3  
1.4

Mean		2.4
Std Dev		1.3

RpH Ctrl Peg 2000 d/a 1.6  
1.7

Mean		1.7
Std Dev		0.1

RpH IFN Peg 4000-15d/a 63.9  
62.3

Mean		63.1
Std Dev		1.1

RpH IFN Peg 2000 d/a 67.3  
67.9

Mean		67.6
Std Dev		0.4

The numbers 1, 2, 3, & 4 indicate the hours after addition of the rickettsiae or mock-infection.

		1	2	3	4
Mk Ctrl	Peg 4000 a		0.45	0.4	0.41
			0.45	0.4	0.3

Mean		0.5	0.4	0.4
Std Dev		0.0	0.0	0.1

RpL Ctrl	Peg 4000 a		0.31	0.53	0.37
			0.81	0.51	0.36

Mean		0.6	0.5	0.4
Std Dev		0.4	0.0	0.0



RpM Ctrl      Peg 4000 a      0.39      0.4      0.2  
    0.38      0.1      0.43

Mean	0.4	0.3	0.3
Std Dev	0.0	0.2	0.2

RpH Ctrl      Peg 4000 a      0.18      0.69      1.71  
    0.18      0.59      0.9

Mean	0.2	0.6	1.3
Std Dev	0.0	0.1	0.6

Mk IFN      Peg 4000 a      0.37      0.62      0.69  
    0.31      0.54      0.58

Mean	0.3	0.6	0.6
Std Dev	0.0	0.1	0.1

RpL IFN      Peg 4000 a      10.15    15.79    18.92  
    12.33    17.93    19.85

Mean	11.2	16.9	19.4
Std Dev	1.5	1.5	0.7

RpM IFN      Peg 4000 a      15.42    21.64    23.57  
    18.35    25.45    28.4

Mean	16.9	23.5	26.0
Std Dev	2.1	2.7	3.4

RpH IFN      Peg 4000 a      25.24    32.72    35.06  
    25.47    31.46    31.36

Mean	25.4	32.1	33.2
Std Dev	0.2	0.9	2.6

Mk Ctrl      Peg 8000 a      1.9  
    1.6  
    1.9  
    1.4

Mean		1.7
Std Dev		0.2

Mk Ctrl      Peg 8000 a15      1      2      3      4  
    1.2    1.5  
    1.1    1.7  
    1.4  
    1.4

Mean		1.2	1.5
Std Dev		0.1	0.1

<i>RpM Ctrl</i>	<i>Peg 8000 a</i>	1.4
		1.5
		1.7
Mean		1.5
Std Dev		0.2

<i>RpM Ctrl</i>	<i>Peg 8000 a15</i>	1.2	1.5
		1.3	1.6
			1.3
Mean		1.3	1.5
Std Dev		0.1	0.2

Mk IFN	Peg 8000 a		1.8
			1.9
			1.5
			1.5
			1.2
Mean			1.6
Std Dev			0.3

Mk IFN

Peg 8000 a15

1.5

1.6

1.6

1.3

</

<i>RpM IFN</i>	<i>Peg 8000 a</i>	2.9
		3.2
		2.8
Mean		3.0
Std Dev		0.2

<i>RpM IFN</i>	<i>Peg 8000 a15</i>	4.2	3.0
		5.3	2.8
			2.6
Mean		4.8	2.8
Std Dev		0.8	0.2

DEFINITION OF ABBREVIATIONS IN THIS TABLE

The numbers 1, 2, 3, & 4 indicate the hours after addition of the rickettsiae or mock-infection.

Mk Ctrl=Untreated, mock-infected  
RpL Ctrl=Untreated, RpLow infected  
RpM Ctrl=Untreated, RpMedium infected  
RpH Ctrl=Untreated, RpHigh infected

Mk IFN=IFN-treated, mock-infected  
RpL IFN=IFN-treated, RpLow infected  
RpM IFN=IFN-treated, RpMedium infected  
RpH IFN=IFN-treated, RpHigh infected

See Figure 3 and the results section for additional information about RpL, RpM, and RpH.  
These indicate the use of different concentrations of rickettsiae.

"d/a" indicates that PEG was added at the time of infection or mock-infection  
"a15" indicates that PEG was added 15 minutes after infection or mock-infection  
"a" indicates that PEG was added 1 hour after infection or mock-infection

Pegs were generally used at 30 mM, except for Peg 8000, which was used at 15 mM.  
In some instances, Peg 4000 was used at 15 mM & 7 mM; and Peg 8000 was used at 7.5 mM.

Peg 4000-15d/a indicates that Peg 4000 was used at 15 mM  
Peg 4000-7.5d/a indicates that Peg 4000 was used at 7.5 mM  
Peg 8000-7.5d/a indicates that Peg 8000 was used at 7.5 mM

TABLE S4, SHEET 2 (pages 15-18) -- PERCENTAGE OF TOTAL LDH RELEASED (means & standard deviations)

The next 4 pages represent Sheet 2 of Table S4. They provide a summary of some of the data (means and standard deviations) that are shown in Sheet 1 of Table S4.

The means below are highlighted in yellow.

The standard deviations below are highlighted in orange.

		Hours			
		1	2	3	4
Mk Ctrl	No addition	0.2	0.4	0.4	0.7
		0.2	0.4	0.6	0.5
Mk Ctrl	Peg 1450 d/a	0.0	0.0	0.0	0.2
		0.0	0.0	0.0	0.2
Mk Ctrl	Peg 2000 d/a	0.0	0.0	0.0	0.4
		0.0	0.0	0.0	0.4
Mk Ctrl	Peg 4000 d/a	1.3	1.7	1.5	1.2
		1.5	0.9	1.0	1.0
Mk Ctrl	Peg 8000 d/a	2.2	1.7	1.8	2.1
		0.6	0.4	0.5	0.7
Mk Ctrl	Peg 4000 a		0.5	0.4	0.4
			0.0	0.0	0.1
Mk Ctrl	Peg 8000 a				1.7
					0.2
Mk Ctrl	Peg 8000 a15		1.2	1.5	
			0.1	0.1	

		Hours			
		1	2	3	4
RpM Ctrl	No addition	0.3	0.6	0.6	0.8
		0.4	0.4	0.7	0.4
RpM Ctrl	Peg 400 d/a	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
RpM Ctrl	Peg 1450 d/a	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
RpM Ctrl	Peg 2000 d/a	0.0	0.3	0.3	0.0
		0.0	0.4	0.4	0.0
RpM Ctrl	Peg 4000 d/a	0.8	1.2	1.6	1.6
		1.0	1.1	1.2	1.1
RpM Ctrl	Peg 8000 d/a	1.7	2.8	1.7	2.6
		0.2	0.4	0.5	1.0
RpM Ctrl	Peg 4000 a		0.4	0.3	0.3
			0.0	0.2	0.2
RpM Ctrl	Peg 8000 a				1.5
					0.2
RpM Ctrl	Peg 8000 a15		1.3	1.5	
			0.1	0.2	

Data for Figure 4

Percentage of Total LDH Released in IFN-treated C166 Cultures Infected with *R. prowazekii*

Hours	No addition		Peg 1450 d/a		Peg 2000 d/a		Peg 4000 d/a		Peg 8000 d/a	
	Mean	Std dev	Mean	Std dev	Mean	Std dev	Mean	Std dev	Mean	Std dev
1	3.9	2.9	2.7	1.1	2.9	2.0	1.0	1.2	2.3	0.4
2	41.9	3.8	37.2	3.2	44.5	0.9	18.1	2.4	3.2	0.8
3	55.2	5.2	52.3	5.0	59.1	8.0	30.9	2.1	4.6	1.0
4	58.1	8.8	59.8	10.0	65.7	14.1	35.9	4.7	5.0	1.7



		Hours			
		1	2	3	4
Mk IFN	No addition	0.4	0.4	0.6	0.7
		0.5	0.7	0.6	0.6
Mk IFN	Peg 1450 d/a	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
Mk IFN	Peg 2000 d/a	0.0	0.0	0.0	0.5
		0.0	0.0	0.0	0.7
Mk IFN	Peg 4000 d/a	1.2	2.1	4.1	4.8
		1.6	1.7	1.1	2.5
Mk IFN	Peg 8000 d/a	2.3	2.3	2.0	2.7
		0.4	0.3	0.5	1.2
Mk IFN	Peg 4000 a		0.3	0.6	0.6
			0.0	0.1	0.1
Mk IFN	Peg 8000 a				1.6
					0.3
Mk IFN	Peg 8000 a15			1.6	1.5
				0.1	0.2

		Hours			
		1	2	3	4
RpM IFN	No addition	3.9	41.9	55.2	58.1
		2.9	3.8	5.2	8.8
RpM IFN	Peg 400 d/a	2.5	27.6	40.0	50.1
		0.3	2.2	6.3	10.1
RpM IFN	Peg 1450 d/a	2.7	37.2	52.3	59.8
		1.1	3.2	5.0	10.0
RpM IFN	Peg 2000 d/a	2.9	44.5	59.1	65.7
		2.0	0.9	8.0	14.1
RpM IFN	Peg 4000 d/a	1.0	18.1	30.9	35.9
		1.2	2.4	2.1	4.7
RpM IFN	Peg 8000 d/a	2.3	3.2	4.6	5.0
		0.4	0.8	1.0	1.7
RpM IFN	Peg 4000 a		16.9	23.5	26.0
			2.1	2.7	3.4
RpM IFN	Peg 8000 a				3.0
					0.2
RpM IFN	Peg 8000 a15		4.8	2.8	
			0.8	0.2	

		Hours			
		1	2	3	4
RpM IFN	No addition	3.9	41.9	55.2	58.1
		2.9	3.8	5.2	8.8
RpM IFN	Peg 1450 d/a	2.7	37.2	52.3	59.8
		1.1	3.2	5.0	10.0
RpM IFN	Peg 2000 d/a	2.9	44.5	59.1	65.7
		2.0	0.9	8.0	14.1
RpM IFN	Peg 4000 d/a	1.0	18.1	30.9	35.9
		1.2	2.4	2.1	4.7
RpM IFN	Peg 8000 d/a	2.3	3.2	4.6	5.0
		0.4	0.8	1.0	1.7
RpM IFN	Peg 4000 a		16.9	23.5	26.0
			2.1	2.7	3.4
RpM IFN	Peg 8000a				3.0
					0.2
RpM IFN	Peg 8000a15			4.8	2.8
				0.8	0.2