

22 Feb 58

Repeat of experiment to determine effect of RNase on microsome RNA

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
µM RNA (4)	.25	—————→										-	-	-	-	-	
RNase $\frac{1}{200}$ 8/ml	.2	—————→										-	-	-	-	-	
Time at room temp.	100'	100'	10'	10'	5'	5'	2'	2'	-	-	-	-	-	-	-	-	
H ₂ O	-	-	-	-	-	-	-	-	-	-	-	.25	—————→				
medium	.15	—————→										.35	.35	.15	.15	.35	.35
pH 5 buffer (phosphate, etc)	.2	—————→															
lockdown.	.2	—————→															

lockdown .1 ATP

.05 leucine

.05 keto

.2
~~.2~~

0.5ml tyrosine added.

Result: effect either zero or so small as to be impossible to measure convincingly.

Results

	<u>wt</u>	<u>U/minuto</u>
1	9.05	31.5
2	7.25	35.5
3	10.6	45.1
4	8.65	41.9
5	11.5	40.0
6	10.25	44.6
7	9.8	39.6
8	10.4	47.3
9	9.45	42.0
10	9.35	47.0
11	9.35	39.1
12	11.1	38.8
13	9.9	42.5
14	10.35	41.9
15	10.2	37.1
16	10.2	39.7
17	8.5	23.3
18	8.5	19.5
Blank panel		13.5

(Rank not measured)

Result often zero or too small to measure.

