

BET
A'Pase
July 1982 →
Sept 1982

127

LABORATORY

NOTEBOOK

A'Pase }
HCP }



4 x 4 QUADRILLE RULED

43-647

45 SETS

11" x 9"



NATIONAL BLANK BOOK COMPANY, INC. • HOLYOKE, MASS. 01040

MADE IN U. S. A.

Alk Pase } Dot Blots
HRP

Sensit.
Background

Assay worked out
using cytc c
biotinylated.

(also ss. DNA
some ds DNA)

streptavidin - HRP titrations

lot 1
2
4

811
907

7/8/82

002

Titration of APase Biotinylated with streptavidin using Biotinylated Cyt. C.

cytochrome c:

400 nmoles biotin / mg / ml.

10-fold dilutions in 0.1% BSA in PBS.

1. 40 pmol / 100 ng / μ l \rightarrow spot 1 μ l on NC paper
2. 4 pmol
3. 400 f. mol
4. 40 f. mol
5. 4 f. mol
6. 400 a. mol
7. BSA - PBS.

air dry; Block 2% BSA - 4 $^{\circ}$ ON
am 37 $^{\circ}$ - 2 hrs. - DUMP OFF
DON'T WASH

Each of the above dilutions dilute
1:50 in 0.1% BSA 0.1% carbonate
buffer pH 9.5

50 μ l per well in ELISA 96-well plates

- A - Blank
- B - 1. 40 pmole / 50 μ l
- C 2.
- D 3.
- E 4.
- F 5.
- G 6.
- H 7.

4 $^{\circ}$ - overnight

am - WASH PBS

Block 2% BSA in PBS

37 $^{\circ}$ - 2 HRS - DUMP OFF
DON'T WASH

7/9/82

003

set up ELISA

	1	2	3	4	5	6	7	8	9	10	11	12
BIK - A				streptavidin								
B	10ul / 5ml			50ul / 5ml			100ul / 5ml			200ul / 5ml		
C	0.1ug/ml			0.5ug/ml			1ug/ml			2ug/ml		
D												
E												
F												
G												
H												

↓	16	150ul	100/5	200ul 5
(10ul/ml	200ul/ml	2000ul/10ml	400ul/10ml
)	5ml	10ml	10ml	10ml

I Streptavidin in 0.1% BSA-PBS
 2mg/ml
 use @ 8ug/ml = 16 ug/ml
 80ul / 10ml -

~~A'Pax~~ WASH 3X - 0.5M NaCl
 0.1% BSA
 50ul Tween
 5ml pH 8.6 TBS Cl
 100ml

II A'Pax 50ug/ml - ASHOK 121610
 1HR 370

WASH 0.1% BSA - PBS - TWEEN

DOT BLOTS
 similar to nearesty
 5/11

7/9/82

004

ALK P₁₂ assay

① Bleds

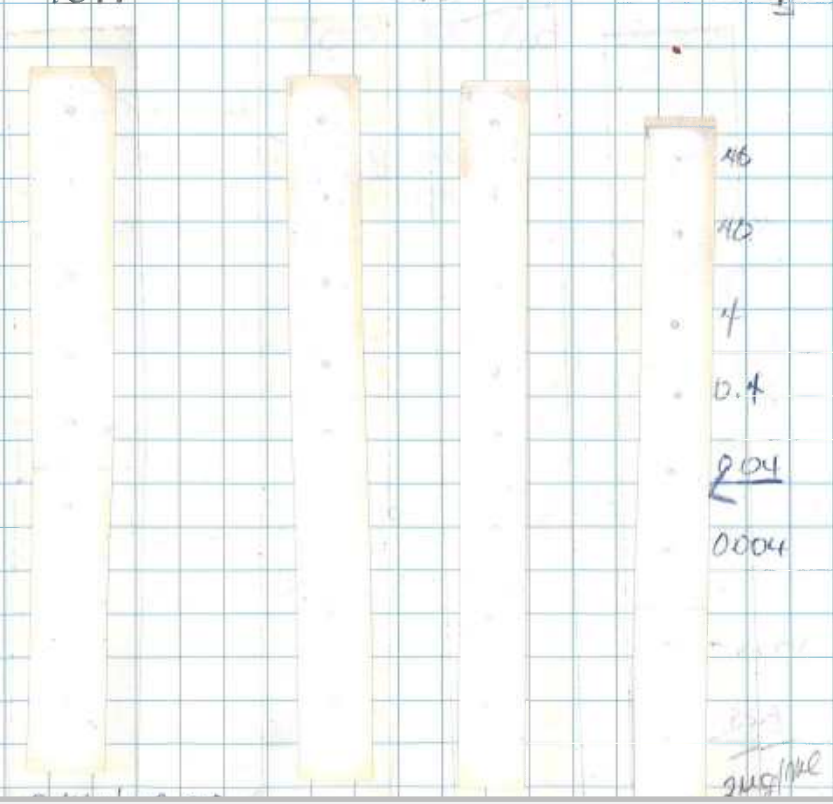
NBT

1:20 in Veronal Buffer
100µl / 10 BCIP

② Elisoc

PNPP

	\bar{x} 0.1µg/ml EDZ	\bar{x} 0.5µg/ml EDZ	\bar{x} & σ 1µg/ml EDZ	\bar{x} 2µg/ml EDZ
1.	.257	1.146	1.250	1.049 / 1.184
2.	.272	.204	.218	.145
3.	.053	.039	.035	.030
→ 4.	.026	.019	.020	.021
5.	.013	.017	.013	.016
6.	.012	.015	.013	.020
7.	.011	.015	.009	.023



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