HoPo1 Lab Notes Scan

: * 040/1 65			1				7				
30111	-	6000 7/mol	- Hader	12/		6		000 1			
100	3	/mol		1000) -	ME		1000 1000	· ·	6 L	
= 100 YM							,,	1309	h	10/	
HoPo (Homopolymer Experiment)											
	Ada	I the following com	nonents to 1 5-	ml micr	ocentri	fuga tuk	nes on ice				
	rac	A A	R R	т			C C		1 /	支上	
	1 2	Table A dNTP	Amount 125 ul. 101/	Final Col	ncentration)			De 1	TV	
554	3	oligonucleotide 5X TdT Reaction buffer	0.25 to 2.0 nmol	5 to 40 r	mol/mL						
4	5	autoclaved, distilled water	up to 49 uL	(total vo	lume)	Ta	o so,	L			
5/5							<i>y</i> -				
0/3	1	A Table B	B Function	C 1	D	E 3	4	F		(()	
- 6	2	A Painers	Just Primers (No: TelT)	vash Comin			3h Pul	SAP PILP	vinev, 2	al Duta er	
1 3	3	BVJ	Just Primers (No- TdT)	.75h			3h Du L 67	P, loo lultat	72 ulp	XNT 1120	
Pint	4	c P+T	Test 1 (Primers, TdT)	.75h	promise.	2)15h	3h 27 NL	Hotth		ca37ul	
Till Park	5	D P+T	Test 2 (Primers, TdT)	.75h	1.5h	2.25h	an gonin			420	
								\bigcap			
-		Add 1 µl TdT (15	units/ul) Mix by	, gentle	ninettii	na (Stil	Il on ice)		<		
		Incubate at 37ºC					il oli ice/	(114	2		
							0 minutes.			9/	
511	3. Stop the reaction by bringing the solution to 95℃ for 10 minutes. 4. Prepare Agarose (Use Cobalt Chloride as a buffer for Gel) a. To volume 80mL of H2O and Buffer, add 2g(Agarose										
2/0,											
Jan D	a. To volume 80mL of H2O and Buffer, add 2g(Agarose b. Heat in increments in microwave until fully dissolved										
	c. Pour into gel casting tray										
	d. Place well template (comb) in correct slot										
	e. Let cool										
I	f. More info: http://www.edvotek.com/Electrophoresis_Guide.pdf										
5. Run Gel											
a. 120V until control is distictly visible, Watch tenaciously											
6. Analyze Gel on Gel Viewer											
	7.	Record (Pictures, r	notes) and Prosp	er							
	, .										
							1				
to.		, n C-60	4107	CI	40	7	- 1	110	11115	, /	
500	20.	DNAS	/ 1 RJ	Dol	UILE	7		6 LDI	WHIL	1045	
-	6	DNASOL	,/	1/				noi	Un	A	
	m	OLOWA								/ /	