



**PENGARUH PEMBERIAN TEPUNG MELINJO YANG DIFERMENTASI
DENGAN *Lactobacillus fermentum* TERHADAP KANDUNGAN PURIN
DAN KADAR ASAM URAT PADA TIKUS**

SKRIPSI

Oleh :

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2010**

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LAMPIRAN

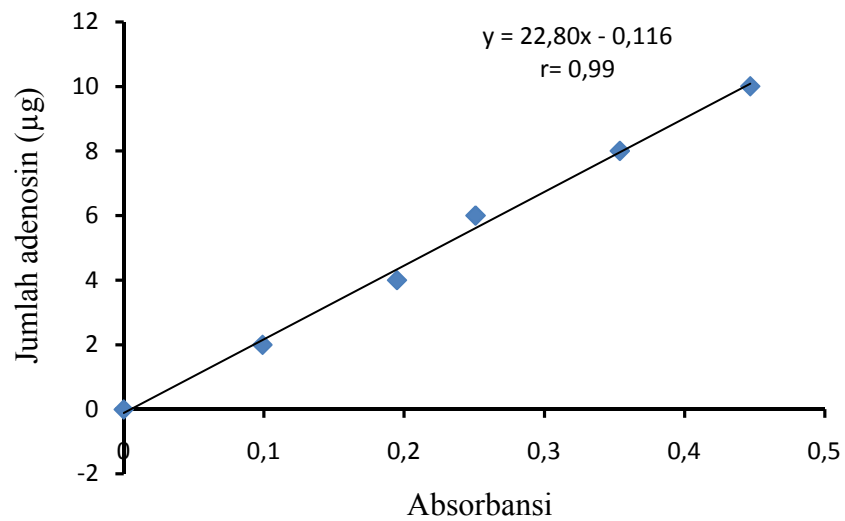
1. KURVA STANDART

1.1 Kurva Standart Adenosine

Tabel konsentrasi dan absorbansi standart adenosin

Σ Adenosin (μg)	Absorbansi
0	0
2	0,099
4	0,195
6	0,251
8	0,354
10	0,447

Kurva standart adenosin

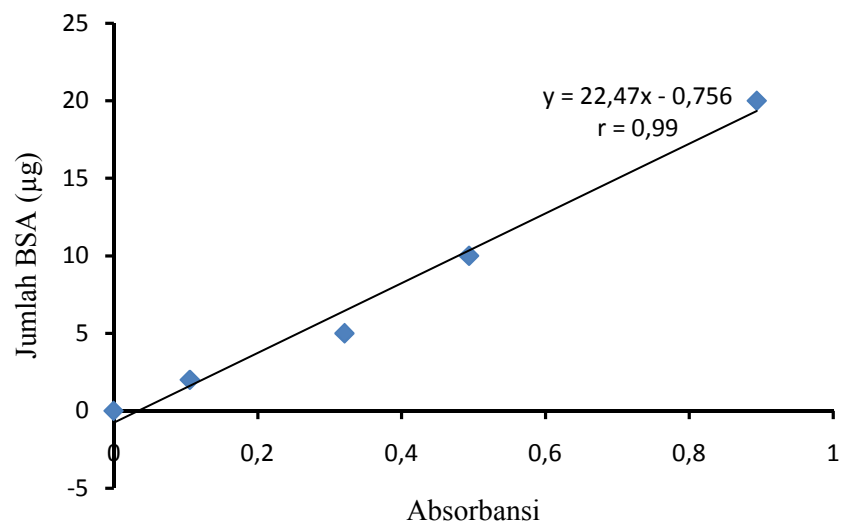


1.2 Kurva Standart Protein

Tabel konsentrasi dan absorbansi standart protein

Σ BSA (μg)	Absorbansi
0	0
2	0,106
5	0,321
10	0,494
20	0,894

Kurva standart protein



2. SODIUM DEDOKSIL SULFAT POLYACRYLAMIDE GEL ELEKTROPHORESIS SDS-PAGE

Komposisi Lower Gel

Komponen	12 %
Aquadest	3,35 mL
Tris pH 8,8	2,5 mL
10% SDS	0,1 mL
Akrlamide	4 mL
APS	50 μ L
TEMED	5 μ L

Komposisi Upper Gel

Komponen	4 %
Aquadest	6,1 mL
Tris pH 6,8	2,5 mL
10% SDS	0,1 mL
Akrlamide	1,3 mL
APS	50 μ L
TEMED	10 μ L

**3. VOLUME MAKSIMAL PEMBERIAN LARUTAN SEDIAAN UJI
PADA BEBERAPA HEWAN UJI**

Jenis hewan uji	Volume maksimal (mL) sesuai jalur pemberian				
	i.v	i.m	i.p	s.c	p.o
Mencit (20-30 g)	0,5	0,05	1,0	0,5 – 1,0	1,0
Tikus (100 g)	1,0	0,1	2 – 5	2 – 5	5,0
Hamster (50 g)	-	0,1	1 – 2	2,5	2,5
Marmot (250 g)	-	0,25	2 – 5	5,0	10,0
Kelinci (2,5 Kg)	5 – 10	0,5	10 – 20	5 – 10	20,0
Kucing (3 Kg)	5 – 10	1,0	10 – 20	5 – 10	50,0
Anjing (5 Kg)	10 – 20	5,0	20 – 50	10,0	100,0

Dikutip dari: Ritschell. 1974. *Laboratory Manual of Biopharmaceutics*. Hamilton: Drug Intelligence Publication.

4. HASIL ANALISIS DATA
4.1 Hasil Analisis Data *In-Vitro*

ANOVA

protein

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	9,413	6	1,569	9,477	,000
Within Groups	3,477	21	,166		
Total	12,890	27			

Uji Duncan
Multiple Comparisons

kelompok	N	Protein		
		Subset for alpha = .05		
		1	2	3
1	4	7,0800		
2	4		7,8900	
4	4		8,3950	8,3950
24	4		8,4850	8,4850
16	4			8,6825
6	4			8,7675
8	4			8,8375
Sig.		1,000	,062	,181

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 4,000.

4.2 Hasil Analisis Data *In-Vivo*

Tests of Normality

	Kolmogorov-Smirnov(a)			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
kadar	,167	9	,200(*)	,909	9	,312

* This is a lower bound of the true significance.

a Lilliefors Significance Correction

Test of Homogeneity of Variances

kadar

Levene Statistic	df1	df2	Sig.
,412	2	6	,680

ANOVA

kadar

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	20,047	2	10,023	68,863	,000
Within Groups	,873	6	,146		
Total	20,920	8			

**Uji Duncan
Multiple Comparisons**

kadar

	kelompok	N	Subset for alpha = .05		
			1	2	3
Duncan(a)	1	3	2,2333		
	3	3		3,7000	
	2	3			5,8667
	Sig.		1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 3,000.

1: kelompok non treatment

2: kelompok melinjo

3: kelompok melinjo terfermentasi

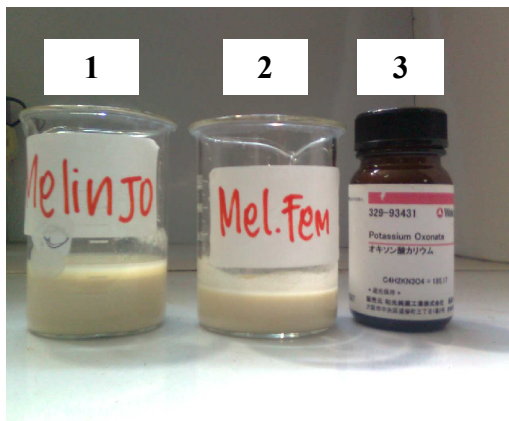
5. Dokumentasi Penelitian



Biji Melinjo (*Gnetum gnemon*)



Tepung Melinjo Terfermentasi



Keterangan:

1. Suspensi melinjo
2. Suspensi .melinjo terfermentasi
3. Potassium oxonat



Pengambilan darah dari jantung