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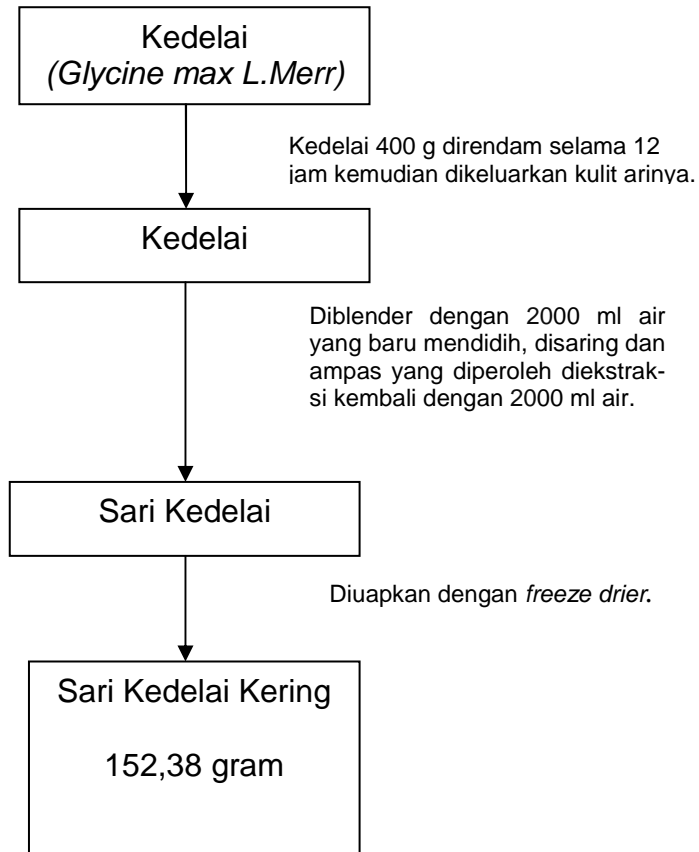
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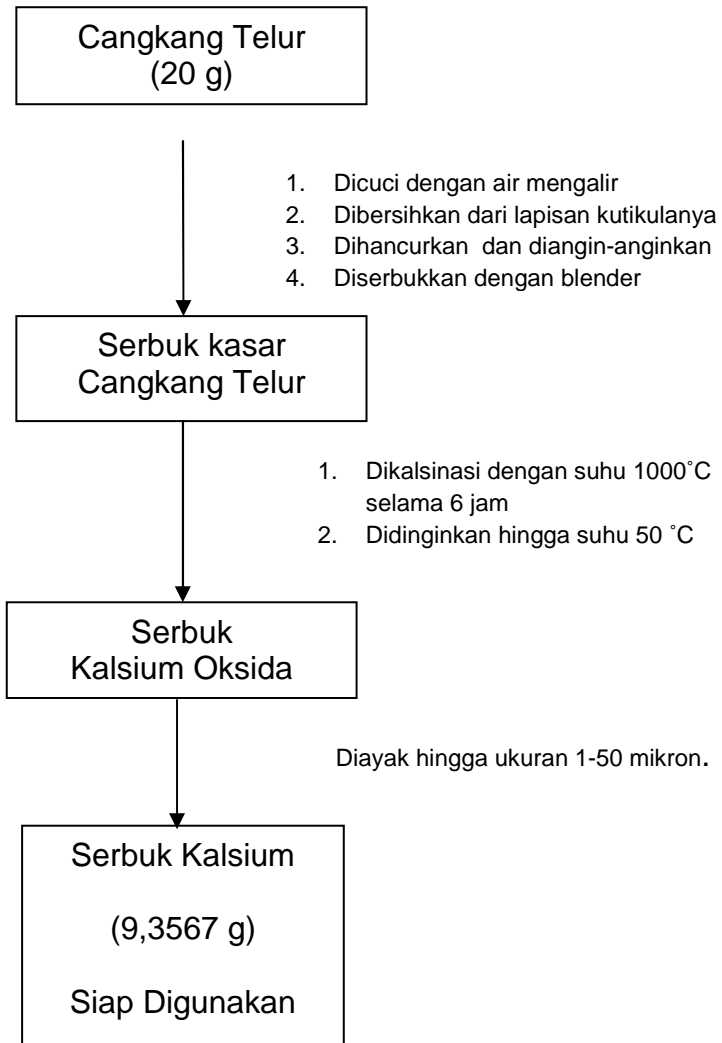
LAMPIRAN I

Skema Pembuatan Sari Kedelai (*Glycine max L.Merr*)



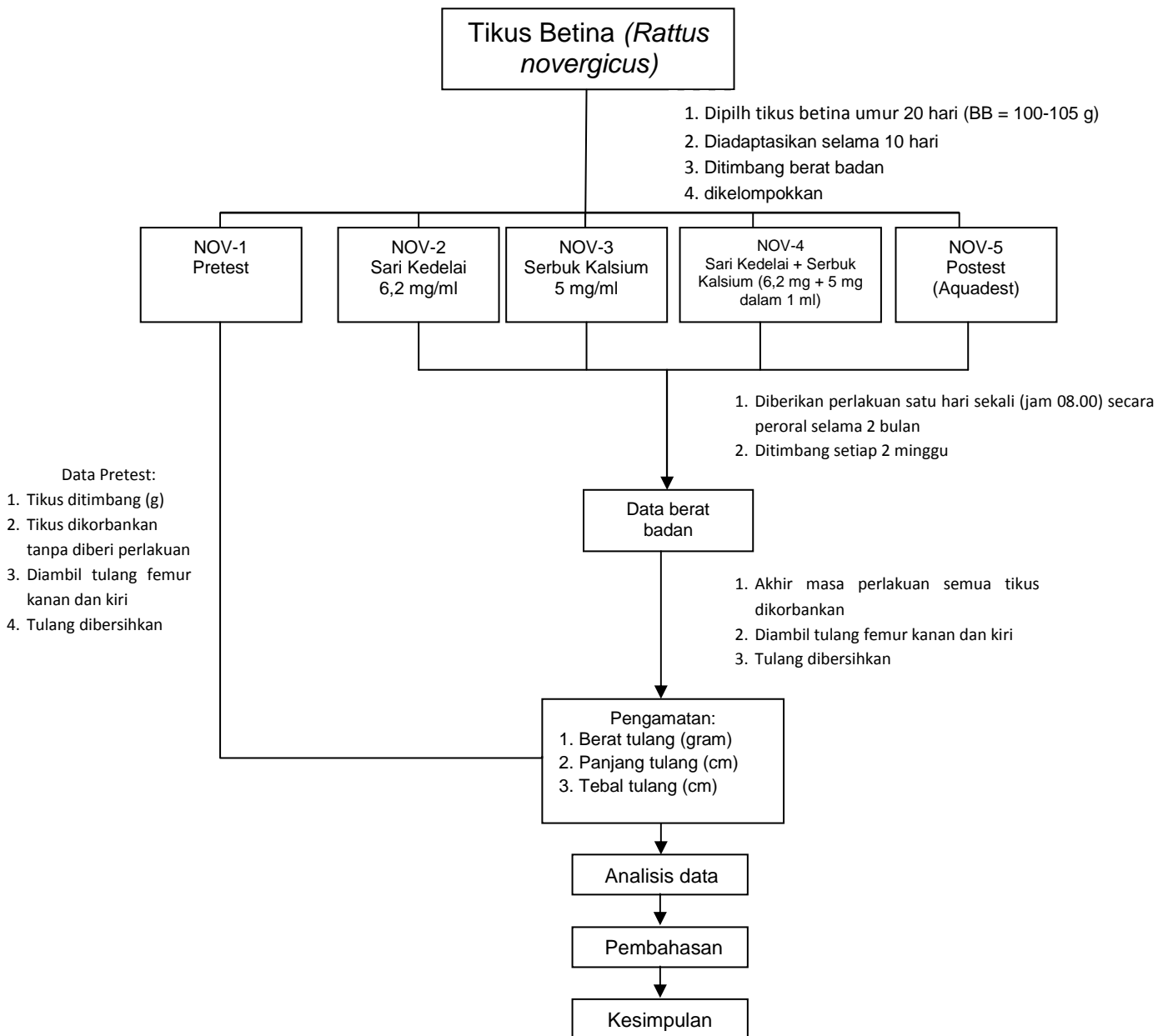
LAMPIRAN II

Kalsinasi Limbah Cangkang Telur



LAMPIRAN III

Skema Pengujian pada Hewan Coba



LAMPIRAN IV

Gambar Kacang Kedelai dan Sari Kedelai Kering Hasil Suplimasi di *Freeze Drier*



Gambar 11. Kacang kedelai



Gambar 12. Sari kedelai kering hasil suplimasi di *freeze drier*

LAMPIRAN V

Gambar Cangkang Telur dan Kalsium Hasil Kalsinasi



Gambar 13. Cangkang telur



Gambar 14. Serbuk kalsium oksida hasil kalsinasi

Lampiran VI

Hasil Uji Normalitas (Kosmogorov-Smirnov Z) pada Kelompok Pretest dan Kontrol Posttest

	Kolmogorov-Smirnov ^a		
	Statistic	df	Sig.
pre_bobot_F1	0,224	3	0,000
post_bobot_F1	0,175	3	0,000
pre_panjang_F1	0,385	3	0,000
post_panjang_F1	0,175	3	0,000
pre_densitas_F1	0,385	3	0,000
post_densitas_F1	0,219	3	0,000
pre_bobot_F2	0,354	3	0,000
post_bobot_F2	0,318	3	0,000
pre_panjang_F2	0,365	3	0,000
post_panjang_F2	0,349	3	0,000
pre_densitas_F2	0,263	3	0,000
post_densitas_F2	0,280	3	0,000

Keterangan :

F1 : Femur kanan

F2 : Femur kiri

Lampiran VII

Hasil Uji Korelasi Bobot Badan, Panjang Tulang, Bobot Tulang dan Densitas

Tulang Femur

Control Variables			Bobot Badan	Panjang Tulang F1	Bobot Tulang F1	Densitas Tulang F1	Panjang Tulang F2	Bobot Tulang F2	Densitas Tulang F2
perlakuan	Bobot Badan	Correlation	1,000	0,886	0,749	0,785	0,848	0,645	0,730
		Significance (2-tailed)	0,000	0,000	0,002	0,001	0,000	0,013	0,003
		df	0	12	12	12	12	12	12
	Panjang Tulang F1	Correlation	0,886	1,000	0,866	0,883	0,964	0,693	0,868
		Significance (2-tailed)	0,000	0,000	0,000	0,000	0,000	0,006	0,000
		df	12	0	12	12	12	12	12
	Bobot Tulang F1	Correlation	0,749	0,866	1,000	0,823	0,877	0,765	0,888
		Significance (2-tailed)	0,002	0,000	0,000	0,000	0,000	0,001	0,000
		df	12	12	0	12	12	12	12
	Densitas Tulang F1	Correlation	0,785	0,883	0,823	1,000	0,834	0,737	0,766
		Significance (2-tailed)	0,001	0,000	0,000	0,000	0,000	0,003	0,001
		df	12	12	12	0	12	12	12
	Panjang Tulang F2	Correlation	0,848	0,964	0,877	0,834	1,000	0,711	0,890
		Significance (2-tailed)	0,000	0,000	0,000	,000	0,000	0,004	0,000
		df	12	12	12	12	0	12	12
	Bobot Tulang F2	Correlation	0,645	0,693	0,765	0,737	0,711	1,000	0,612
		Significance (2-tailed)	0,013	0,006	0,001	0,003	0,004	0,000	0,020
		df	12	12	12	12	12	0	12
	Densitas Tulang F2	Correlation	0,730	0,868	0,888	0,766	0,890	0,612	1,000
		Significance (2-tailed)	0,003	0,000	0,000	0,001	0,000	0,020	0,000
		df	12	12	12	12	12	12	0

LAMPIRAN VIII

Perhitungan Dosis

1. Konversi dosis kalsium (Rekomendasi National Institutes of Health Consensus Conference on Osteoporosis)
 - a. Dosis Lazim untuk anak-anak 1-10 thn = 800 mg/hari
 - b. Faktor konversi untuk mencit dengan bobot 200 g = 0,018
 - c. Dosis konversi untuk tikus 20 g = $0,018 \times 800 \text{ mg} / 200 \text{ g BB}$
= 14,4 mg/200 g BB
= 72 mg/KgBB
2. Dosis kedelai yang digunakan 100 mg/kgBB. Dosis yang telah dikonversi dan efektif dalam meningkatkan pertumbuhan tulang tikus (6)

LAMPIRAN IX

Gambar Pengambilan Data Bobot Tulang, Panjang Tulang dan Volume Tulang



Gambar 15. Tulang Femur dan Tibia



Gambar 16. Penimbangan Bobot Tulang



Gambar 17. Pengukuran Panjang Tulang



Gambar 18. Pengukuran Volume Tulang