

Lampiran 1. Alat dan Bahan Penelitian**Kandang Mencit****Sari Buah Merah****Alat Sonde****Neraca Analitis****Alat Sentrifuga****Freezer****Pengambilan darah retroorbital****Pengambilan serum mencit****Microplate dan ELISA Kit****ELISA reader**

Lampiran 2. Perhitungan Dosis

1. *Azoxymethane (AOM)*

Konsentrasi AOM yang digunakan adalah 12 mg/KgBB.

Untuk mencit 25 g = 0,30 mg/mencit. Konsentrasi stok AOM adalah 1 g/mL sehingga ke dalam 9,925 mL akuadest steril dimasukkan 75 μ L AOM (1 g/mL) sehingga diperoleh konsentrasi AOM sebesar 0,06 mg/100 μ L.

2. *Dextran Sulfate Sodium (DSS)*

DSS yang dipakai adalah 2,5 g dilarutkan dalam aquadest 100 mL sehingga didapatkan larutan DSS 2,5 % (w/v). Larutan ini diberikan pada mencit melalui air minum.

3. Dosis Buah Merah

Dosis manusia 70 kg = 2x 15 mL (1 sendok makan) = 30 mL

Dosis mencit 20 g = 30 mL x 0,0026 = 0,078 mL

Dosis mencit 25 g = 25: 20 x 0,078 = 0,0975 mL = 1 mL

Lampiran 3. Uji Homogenitas Berat Badan Mencit Hari ke-1

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ONEWAY Hasil BY Perlakuan
  /STATISTICS DESCRIPTIVES HOMOGENEITY
  /MISSING ANALYSIS
  /POSTHOC=TUKEY ALPHA(0.05) .

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Oneway

Descriptives

Hasil

| | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Min | Max |
|-------------------|----|----------|----------------|------------|----------------------------------|-------------|--------|--------|
| | | | | | Lower Bound | Upper Bound | | |
| | | | | | Kontrol negatif | 7 | | |
| Kontrol BM | 7 | 21.99429 | 2.452902 | .927110 | 19.72573 | 24.26284 | 17.280 | 24.750 |
| Kontrol AOM + DSS | 7 | 23.07571 | 2.663668 | 1.006772 | 20.61223 | 25.53920 | 19.000 | 27.420 |
| Perlakuan BM | 7 | 22.72286 | 3.115492 | 1.177545 | 19.84151 | 25.60421 | 19.570 | 28.000 |
| Total | 28 | 22.35393 | 2.549117 | .481738 | 21.36548 | 23.34237 | 17.280 | 28.000 |

Test of Homogeneity of Variances

Hasil

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| .506 | 3 | 24 | .682 |

**Lampiran 4. Hasil Analisis Rerata Statistik Kadar TNF- α Serum
Menggunakan Analisis Varian (ANOVA) Satu Arah**

Descriptives

hasil

| | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Minimum | Maximum |
|--------------------|----|--------------|-------------------|---------------|-------------------------------------|----------------|---------|---------|
| | | | | | Lower Bound | Upper Bound | | |
| kontrol negatif | 6 | 5.51217 | 6.637777 | 2.70986 1 | -1.45375 | 12.47809 | .000 | 15.506 |
| kontrol bm | 6 | 2.88000 | 3.787976 | 1.54643 5 | -1.09524 | 6.85524 | .000 | 9.476 |
| dss | 6 | 22.7836 7 | 8.088500 | 3.30211 6 | 14.29531 | 31.27203 | 16.368 | 37.586 |
| dss+bm | 6 | 6.24983 | 4.880856 | 1.99260 1 | 1.12769 | 11.37198 | .000 | 11.197 |
| Total | 24 | 9.35642 | 9.820701 | 2.00464 2 | 5.20950 | 13.50334 | .000 | 37.586 |

Test of Homogeneity of Variances

hasil

| Levene Statistic | df1 | df2 | Sig. |
|---------------------|-----|-----|------|
| 1.107 | 3 | 20 | .369 |

ANOVA

hasil

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|--------|------|
| Between Groups | 1479.985 | 3 | 493.328 | 13.364 | .000 |
| Within Groups | 738.277 | 20 | 36.914 | | |
| Total | 2218.262 | 23 | | | |

**Lampiran 5. Hasil Analisis Statistik Rerata Kadar TNF- α menggunakan Uji
Beda Rata-rata Tukey HSD**

Multiple Comparisons

Dependent Variable: hasil

Tukey HSD

| (I) perlakuan | (J) perlakuan | Mean Difference (I- J) | Std. Error | Sig. | 95% Confidence Interval | |
|-----------------|-----------------|------------------------------|------------|------|-------------------------|----------------|
| | | | | | Upper Bound | Lower Bound |
| kontrol negatif | kontrol bm | 2.632167 | 3.507794 | .875 | -7.18593 | 12.45026 |
| | dss | -17.271500(*) | 3.507794 | .000 | -27.08959 | -7.45341 |
| | dss+bm | -.737667 | 3.507794 | .997 | -10.55576 | 9.08043 |
| kontrol bm | kontrol negatif | -2.632167 | 3.507794 | .875 | -12.45026 | 7.18593 |
| | dss | -19.903667(*) | 3.507794 | .000 | -29.72176 | -10.08557 |
| | dss+bm | -3.369833 | 3.507794 | .773 | -13.18793 | 6.44826 |
| dss | kontrol negatif | 17.271500(*) | 3.507794 | .000 | 7.45341 | 27.08959 |
| | kontrol bm | 19.903667(*) | 3.507794 | .000 | 10.08557 | 29.72176 |
| | dss+bm | 16.533833(*) | 3.507794 | .001 | 6.71574 | 26.35193 |
| dss+bm | kontrol negatif | .737667 | 3.507794 | .997 | -9.08043 | 10.55576 |
| | kontrol bm | 3.369833 | 3.507794 | .773 | -6.44826 | 13.18793 |
| | dss | -16.533833(*) | 3.507794 | .001 | -26.35193 | -6.71574 |

* The mean difference is significant at the .05 level.

RIWAYAT HIDUP

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