**Lampiran**

**Lampiran 2.** Konversi dosis berdasarkan luas permukaan tubuh

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Hewan & berat badan rata-rata | Mencit  (20 gr) | Tikus  (200 gr) | Marmut  (400 gr) | Kelinci  (1,5 kg) | Kucing  (2,5 kg) | Kera  (4,5 kg) | Anjing  (12,0kg) | Manusia  (70,0kg) |
| Mencit  (20 gr) | 1,0 | 7,0 | 12,29 | 27,8 | 28,7 | 64,1 | 124,2 | 387,9 |
| Tikus  (200 gr) | 0,14 | 1,0 | 1,74 | 3,9 | 4,2 | 9,2 | 17,8 | 60,5 |
| Marmut  (400 gr) | 0,08 | 0,57 | 1,0 | 2,25 | 2,4 | 5,2 | 10,2 | 31,5 |
| Kelinci  (1,5 kg) | 0,04 | 0,25 | 0,44 | 1,0 | 1,06 | 2,4 | 4,5 | 14,2 |
| Kucing  (2,5 kg) | 0,03 | 0,23 | 0,41 | 0,92 | 1,0 | 2,2 | 4,1 | 13,0 |
| Kera  (4,5 kg) | 0,016 | 0,11 | 0,19 | 0,42 | 0,45 | 1,0 | 1,9 | 6,1 |
| Anjing  (12,0 kg) | 0,008 | 0,06 | 0,10 | 0,22 | 0,24 | 0,52 | 1,0 | 3,1 |
| Manusia  (70,0 kg) | 0,0026 | 0,018 | 0,031 | 0,07 | 0,76 | 0,16 | 0,32 | 1,0 |

(Laurence, Bhacarach 1964)

**Lampiran 3.** Perhitungan Dosis Konversi Manusia ke Tikus

1. Ekstrak kunyit putih 500mg/kg BB

500 mg x 0.018 = 9 mg

9 mg x 1000 = 45 mg/200gr tikus

200 mg

1. Senyawa CuSO4 pentahidrat 4mg/kgBB

4 mg x 0.018 = 0.072mg

0.072 mg x 1000 = 0.036 mg/200gr tikus

200 mg

**Lampiran 4.** Hasil Uji Fitokimia Kandungan Metabolik Sekunder Ekstrak Etanol Kunyit Putih (*Curcuma zedoaria*)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Fitokonstituen | Metode Pengujian | | Hasil |
| 1 | Alkaloid | Pereaksi Mayer | + | |
| 2 | Saponin | Aquades | + | |
| 3 | Falvonoid | HCl | - | |
| 4 | Terpenoid | UJI Liebermann-Burchard | - | |
| 5 | Tanin | FeCl3 | - | |
| 6 | Fenolik | FeCl3 | + | |
| 7 | Glikosida | Keller-Kiliani | - | |

**Lampiran 5.** Hasil Pengamatan Histopatologik Ginjal Tikus Galur Wistar

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Kelompok** | | **Skor Histopatologi Ginjal** | | | **Total Skor** |
| **Pengecilan Glomerulus (Ruang Kapsular)** | **Bengkak Keruh (*Cloudy Swelling*)** | **Oklusi LumenTubulus** |
| **K1** | **1** | - | - | - | **0** |
| **2** | - | - | - | **0** |
| **3** | - | - | - | **0** |
| **4** | - | - | - | **0** |
| **K2** | **5** | - | - | - | **0** |
| **6** | - | - | - | **0** |
| **7** | - | - | - | **0** |
| **8** | - | - | - | **0** |
| **K3** | **9** | +++ | +++ | +++ | **9** |
| **10** | +++ | +++ | +++ | **9** |
| **11** | +++ | +++ | +++ | **9** |
| **12** | +++ | +++ | +++ | **9** |
| **K4** | **13** | + | + | + | **3** |
| **14** | + | + | + | **3** |
| **15** | + | + | + | **4** |
| **16** | + | ++ | + | **3** |
| **K5** | **17** | +++ | +++ | +++ | **9** |
| **18** | +++ | +++ | +++ | **9** |
| **19** | +++ | +++ | +++ | **9** |
| **20** | +++ | +++ | +++ | **9** |
| **K6** | **21** | +++ | +++ | +++ | **9** |
| **22** | +++ | +++ | +++ | **9** |
| **23** | +++ | +++ | +++ | **9** |
| **24** | +++ | +++ | +++ | **9** |

**Lampiran 6.** Hasil Pemeriksaan Serum Protein dan Kreatinin

|  |  |  |  |
| --- | --- | --- | --- |
| **Kelompok Hewan Uji** | | **Protein (mg/dl)** | **Kreatinin (mg/dl)** |
| **Kelompok 1** | **7 Hari** | 5,94 | 1,52 |
| **7 Hari** | 6,04 | 1,81 |
| **7 Hari** | 7,14 | 1,62 |
| **14 Hari** | 5,54 | 1,81 |
| **14 Hari** | 8,11 | 1,61 |
| **14 Hari** | 7,81 | 1,72 |
| **21 Hari** | 6,25 | 2,12 |
| **21 Hari** | 7,43 | 1,81 |
| **21 Hari** | 6,34 | 1,71 |
| **Kelompok 2** | **7 Hari** | 7,87 | 1,81 |
| **7 Hari** | 8,14 | 1,61 |
| **7 Hari** | 6,04 | 1,62 |
| **14 Hari** | 9,02 | 1,73 |
| **14 Hari** | 7,09 | 1,72 |
| **14 Hari** | 8,79 | 1,92 |
| **21 Hari** | 9,64 | 1,81 |
| **21 Hari** | 7,36 | 1,71 |
| **21 Hari** | 9,40 | 1,91 |
| **Kelompok 3** | **7 Hari** | 5,19 | 2,01 |
| **7 Hari** | 6,21 | 1,92 |
| **7 Hari** | 4,97 | 1,62 |
| **14 Hari** | 5,79 | 2,22 |
| **14 Hari** | 5,23 | 2,41 |
| **14 Hari** | 6,32 | 1,72 |
| **21 Hari** | 5,54 | 2,21 |
| **21 Hari** | 5,97 | 1,81 |
| **21 Hari** | 5,45 | 2,71 |

**Lampiran 7.** Dokumentasi Penelitian

 

 

 

  

 

