

Daftar Pustaka

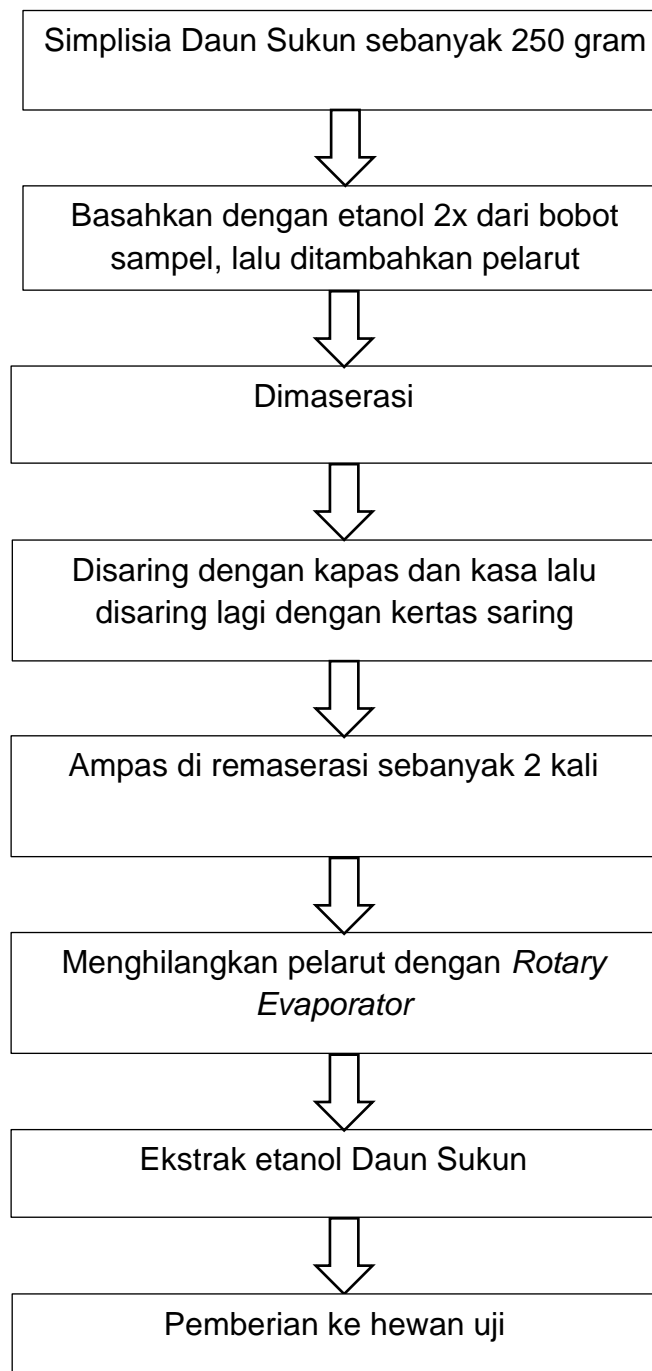
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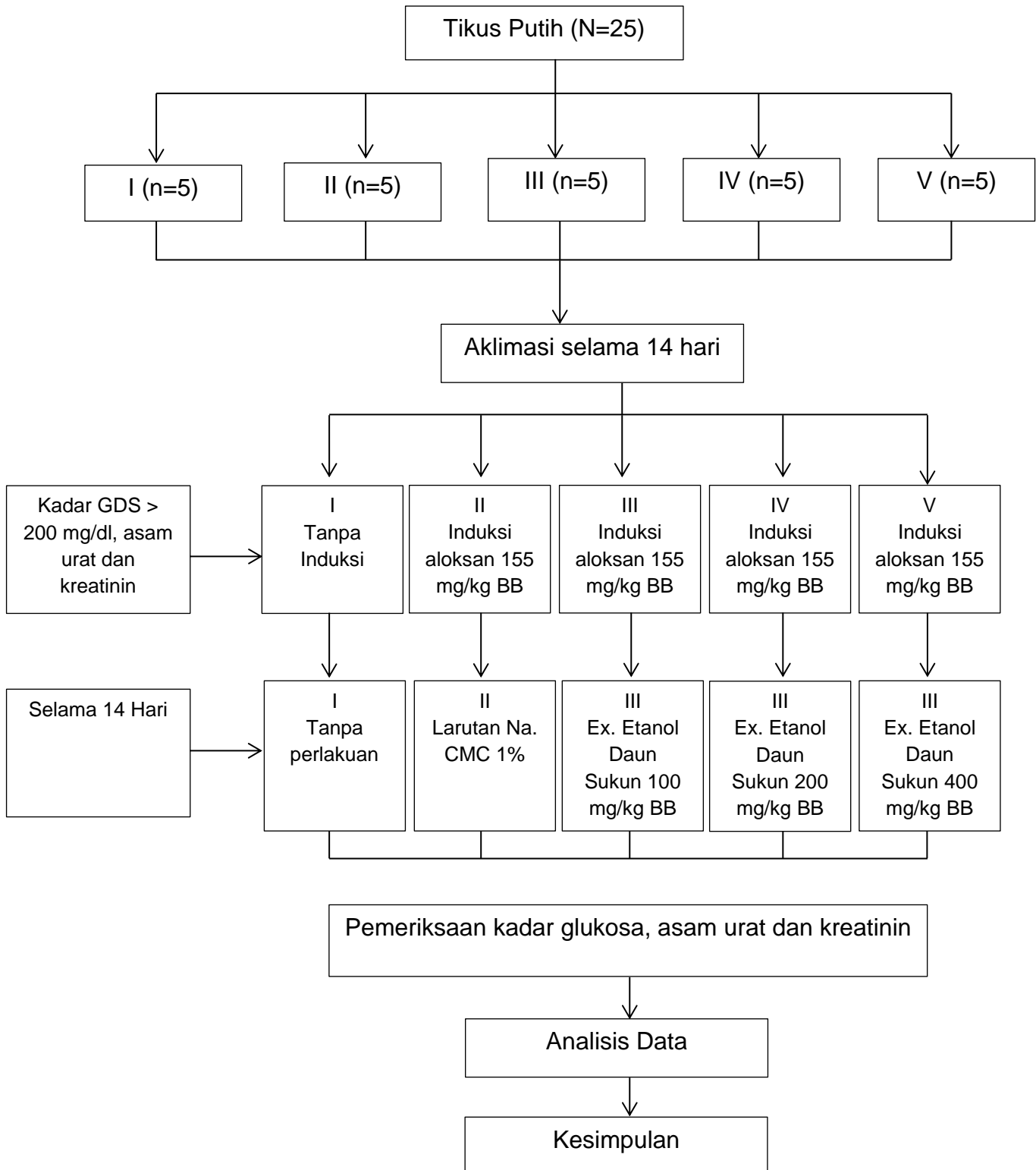
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Lampiran 1. Skema Kerja Pembuatan Ekstrak Etanol Daun Sukun (*Artocarpus altilis*)



Lampiran 2. Skema Kerja Penelitian



Lampiran 3 : Perhitungan Dosis

Perhitungan dosis ekstrak etanol ekstrak etanol Daun Sukun (*Artocarpus altilis*) terhadap tikus wistar dengan bobot badan rerata 200 gram.

1. Dosis ekstrak etanol Daun Sukun 100 mg/kgBB

$$\begin{aligned}
 &= \frac{100 \text{ mg}}{1000 \text{ g}} \\
 &= \frac{0,1 \text{ g}}{10 \text{ g}} \times 100 \\
 &= 1 \text{ g dalam } 100 \text{ ml}
 \end{aligned}$$

2. Dosis ekstrak etanol Daun Sukun 200 mg/kgBB

$$\begin{aligned}
 &= \frac{200 \text{ mg}}{1000 \text{ gram}} \\
 &= \frac{0,2 \text{ g}}{10 \text{ g}} \times 100 \\
 &= 2 \text{ g dalam } 100 \text{ ml}
 \end{aligned}$$

3. Dosis ekstrak etanol Daun Sukun 400 mg/kgBB

$$\begin{aligned}
 &= \frac{400 \text{ mg}}{1000 \text{ gram}} \\
 &= \frac{0,4 \text{ g}}{10 \text{ g}} \times 100 \\
 &= 4 \text{ g dalam } 100 \text{ ml}
 \end{aligned}$$

Hasil pengukuran Glukosa

| Kelompok | Tikus | Kadar plasma (U/L) | |
|---------------------------------|-------|-----------------------|-----------------------|
| | | Pre perlakuan | Post Perlakuan |
| Tanpa perlakuan | 1 | 119 | 100 |
| | 2 | 177 | 130 |
| | 3 | 110 | 136 |
| Rata-rata ± Stdev | | 135.33 ± 36.36 | 122 ± 19.29 |
| Na.CMC | 1 | 150 | 151 |
| | 2 | 103 | 192 |
| | 3 | 126 | 142 |
| Rata-rata ± Stdev | | 126.33 ± 23.50 | 161.67 ± 26.65 |
| Ekstrak Daun Sukun 100 mg/Kg BB | 1 | 101 | 104 |
| | 2 | 92 | 136 |
| | 3 | 113 | 124 |
| Rata-rata ± Stdev | | 102.1 ± 10.39 | 121.33 ± 16.17 |
| Ekstrak Daun Sukun 200 mg/Kg BB | 1 | 122 | 115 |
| | 2 | 113 | 115 |
| | 3 | 110 | 139 |
| Rata-rata ± Stdev | | 115 ± 6.25 | 123 ± 13.86 |
| Ekstrak Daun Sukun 400 mg/Kg BB | 1 | 88 | 97 |
| | 2 | 104 | 118 |
| | 3 | 126 | 135 |
| Rata-rata ± Stdev | | 106.2 ± 18.80 | 116.77 ± 18.88 |

Hasil pengukuran Asam Urat

| Kelompok | Tikus | Kadar plasma (U/L) | |
|---------------------------------|-------|--------------------|--------------------|
| | | Pre perlakuan | Post Perlakuan |
| Tanpa perlakuan | I | 2.61 | 2.23 |
| | II | 2.19 | 2.07 |
| | III | 3.56 | 1.85 |
| | IV | 1.26 | 1.28 |
| Rata-rata ± Stdev | | 2.4 ± 0.95 | 1.86 ± 0.42 |
| Na.CMC | I | 3.64 | 2.95 |
| | II | 3.28 | 2.75 |
| | III | 4.1 | 2.89 |
| | IV | 4.33 | 2.49 |
| Rata-rata ± Stdev | | 3.84 ± 0.47 | 2.77 ± 0.20 |
| Ekstrak Daun Sukun 100 mg/Kg BB | I | 3.66 | 2.48 |
| | II | 4.05 | 1.91 |
| | III | 3.41 | 2.43 |
| | IV | 4.25 | 2.46 |
| Rata-rata ± Stdev | | 3.84 ± 0.38 | 2.32 ± 0.27 |
| Ekstrak Daun Sukun 200 mg/Kg BB | I | 3.47 | 2.14 |
| | II | 2.67 | 2.17 |
| | III | 2.11 | 2.09 |
| | IV | 3.37 | 2.18 |
| Rata-rata ± Stdev | | 2.91 ± 0.64 | 2.15 ± 0.04 |
| Ekstrak Daun Sukun 400 mg/Kg BB | I | 2.24 | 2.16 |
| | II | 2.51 | 1.9 |
| | III | 1.23 | 2.59 |
| | IV | 2.62 | 2.04 |
| Rata-rata ± Stdev | | 2.15 ± 0.63 | 2.17 ± 0.30 |

Hasil pengukuran Kreatinin

| Kelompok | Tikus | Kadar plasma (U/L) | |
|---------------------------------|-------|--------------------|--------------------|
| | | Pre perlakuan | Post Perlakuan |
| Tanpa perlakuan | I | 0.5 | 0.416 |
| | II | 0.583 | 0.333 |
| | III | 0.416 | 0.333 |
| | IV | 0.416 | 0.333 |
| Rata-rata ± Stdev | | 0.48 ± 0.08 | 0.35 ± 0.04 |
| Na.CMC | I | 0.416 | 0.416 |
| | II | 0.416 | 0.416 |
| | III | 0.666 | 0.5 |
| | IV | 0.666 | 0.5 |
| Rata-rata ± Stdev | | 0.54 ± 0.14 | 0.46 ± 0.05 |
| Ekstrak Daun Sukun 100 mg/Kg BB | I | 0.583 | 0.416 |
| | II | 0.666 | 0.416 |
| | III | 0.666 | 0.5 |
| | IV | 0.5 | 0.5 |
| Rata-rata ± Stdev | | 0.60 ± 0.08 | 0.46 ± 0.05 |
| Ekstrak Daun Sukun 200 mg/Kg BB | I | 0.5 | 0.416 |
| | II | 0.583 | 0.333 |
| | III | 0.5 | 0.333 |
| | IV | 0.416 | 0.5 |
| Rata-rata ± Stdev | | 0.50 ± 0.07 | 0.40 ± 0.08 |
| Ekstrak Daun Sukun 400 mg/Kg BB | I | 0.583 | 0.25 |
| | II | 0.416 | 0.416 |
| | III | 0.416 | 0.416 |
| | IV | 0.75 | 0.416 |
| Rata-rata ± Stdev | | 0.54 ± 0.16 | 0.37 ± 0.08 |

LAMPIRAN 4**Dokumentasi proses penelitian**

Gambar F. Sampel dan Ekstrak Daun Sukun



Gambar G. Pengambilan Darah dan Serum Darah

| Measure unit | Temperature | Calibration | Standard | W reagent 1 | W reagent 2 | Incub. time | Filter | Normal Max | Normal Min | Linearity | Min 002 |
|--------------|-------------|-------------|----------|-------------|-------------|-------------|--------|------------|------------|-----------|---------|
| mg/l | 37 | Standard | 1000 | 100 | 0.05 | 30 sec | 0.45 | 100 | 0 | 100 | 0.001 |
| 0001 | 0.200 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0002 | 0.201 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0003 | 0.202 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0004 | 0.203 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0005 | 0.204 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0006 | 0.205 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0007 | 0.206 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0008 | 0.207 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0009 | 0.208 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0010 | 0.209 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0011 | 0.210 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0012 | 0.211 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0013 | 0.212 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0014 | 0.213 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0015 | 0.214 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0016 | 0.215 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0017 | 0.216 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0018 | 0.217 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0019 | 0.218 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0020 | 0.219 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0021 | 0.220 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0022 | 0.221 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0023 | 0.222 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0024 | 0.223 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0025 | 0.224 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0026 | 0.225 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0027 | 0.226 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0028 | 0.227 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0029 | 0.228 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0030 | 0.229 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0031 | 0.230 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0032 | 0.231 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0033 | 0.232 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0034 | 0.233 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0035 | 0.234 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0036 | 0.235 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0037 | 0.236 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0038 | 0.237 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0039 | 0.238 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0040 | 0.239 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0041 | 0.240 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0042 | 0.241 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0043 | 0.242 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0044 | 0.243 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0045 | 0.244 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0046 | 0.245 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0047 | 0.246 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0048 | 0.247 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0049 | 0.248 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0050 | 0.249 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0051 | 0.250 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0052 | 0.251 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0053 | 0.252 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0054 | 0.253 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0055 | 0.254 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0056 | 0.255 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0057 | 0.256 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0058 | 0.257 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0059 | 0.258 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0060 | 0.259 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0061 | 0.260 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0062 | 0.261 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0063 | 0.262 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0064 | 0.263 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0065 | 0.264 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0066 | 0.265 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0067 | 0.266 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0068 | 0.267 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0069 | 0.268 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0070 | 0.269 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0071 | 0.270 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0072 | 0.271 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0073 | 0.272 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0074 | 0.273 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0075 | 0.274 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0076 | 0.275 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0077 | 0.276 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0078 | 0.277 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0079 | 0.278 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0080 | 0.279 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0081 | 0.280 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0082 | 0.281 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0083 | 0.282 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0084 | 0.283 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0085 | 0.284 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0086 | 0.285 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0087 | 0.286 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0088 | 0.287 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0089 | 0.288 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0090 | 0.289 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0091 | 0.290 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0092 | 0.291 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0093 | 0.292 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0094 | 0.293 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0095 | 0.294 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0096 | 0.295 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0097 | 0.296 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0098 | 0.297 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0099 | 0.298 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0100 | 0.299 | 1.00 | mg/l | 0 | 0 | | | | | | |

| Measure unit | Temperature | Calibration | Standard | W reagent 1 | W reagent 2 | Incub. time | Filter | Normal Max | Normal Min | Linearity | Min 002 |
|--------------|-------------|-------------|----------|-------------|-------------|-------------|--------|------------|------------|-----------|---------|
| mg/l | 37 | Standard | 1000 | 100 | 0.05 | 30 sec | 0.45 | 100 | 0 | 100 | 0.001 |
| 0101 | 0.300 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0102 | 0.301 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0103 | 0.302 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0104 | 0.303 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0105 | 0.304 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0106 | 0.305 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0107 | 0.306 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0108 | 0.307 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0109 | 0.308 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0110 | 0.309 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0111 | 0.310 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0112 | 0.311 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0113 | 0.312 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0114 | 0.313 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0115 | 0.314 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0116 | 0.315 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0117 | 0.316 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0118 | 0.317 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0119 | 0.318 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0120 | 0.319 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0121 | 0.320 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0122 | 0.321 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0123 | 0.322 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0124 | 0.323 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0125 | 0.324 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0126 | 0.325 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0127 | 0.326 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0128 | 0.327 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0129 | 0.328 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0130 | 0.329 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0131 | 0.330 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0132 | 0.331 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0133 | 0.332 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0134 | 0.333 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0135 | 0.334 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0136 | 0.335 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0137 | 0.336 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0138 | 0.337 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0139 | 0.338 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0140 | 0.339 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0141 | 0.340 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0142 | 0.341 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0143 | 0.342 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0144 | 0.343 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0145 | 0.344 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0146 | 0.345 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0147 | 0.346 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0148 | 0.347 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0149 | 0.348 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0150 | 0.349 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0151 | 0.350 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0152 | 0.351 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0153 | 0.352 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0154 | 0.353 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0155 | 0.354 | 1.00 | mg/l | 0 | 0 | | | | | | |
| 0156 | 0.355 | 1.00 | mg/l | 0 | | | | | | | |

Glukosa pre

Descriptive Statistics

Dependent Variable: Glukosa.pre

| Perlakuan | Mean | Std. Deviation | N |
|------------------|----------|----------------|----|
| tanpa perlakuan | 135.3333 | 36.36390 | 3 |
| Na.CMC | 126.3333 | 23.50177 | 3 |
| Eks. 100 mg/kgBB | 102.1000 | 10.39375 | 3 |
| Eks. 200 mg/kgBB | 115.0000 | 6.24500 | 3 |
| Eks. 400 mg/kgBB | 106.2000 | 18.79681 | 3 |
| Total | 116.9933 | 22.43666 | 15 |

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|---------------------------------------|---------------------------------|----|-------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Standardized Residual for Glukosa.pre | .174 | 15 | .200* | .951 | 15 | .544 |

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Oneway

Test of Homogeneity of Variances

| | | Levene Statistic | df1 | df2 | Sig. |
|-------------|--------------------------------------|------------------|-----|-------|------|
| Glukosa.pre | Based on Mean | 2.594 | 4 | 10 | .101 |
| | Based on Median | .585 | 4 | 10 | .681 |
| | Based on Median and with adjusted df | .585 | 4 | 3.616 | .694 |
| | Based on trimmed mean | 2.386 | 4 | 10 | .121 |

ANOVA

Glukosa.pre

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|-------|------|
| Between Groups | 2297.616 | 4 | 574.404 | 1.209 | .366 |
| Within Groups | 4750.033 | 10 | 475.003 | | |
| Total | 7047.649 | 14 | | | |

Glukosa Post

Descriptive Statistics

Dependent Variable: Glukosa.post

| Perlakuan | Mean | Std. Deviation | N |
|------------------|----------|----------------|----|
| tanpa perlakuan | 122.0000 | 19.28730 | 3 |
| Na.CMC | 161.6667 | 26.65208 | 3 |
| Eks. 100 mg/kgBB | 121.3333 | 16.16581 | 3 |
| Eks. 200 mg/kgBB | 123.0000 | 13.85641 | 3 |
| Eks. 400 mg/kgBB | 116.7667 | 18.88024 | 3 |
| Total | 128.9533 | 23.70331 | 15 |

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|---|---------------------------------|----|-------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Standardized Residual for Glukosa.post | .153 | 15 | .200* | .937 | 15 | .347 |

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Oneway

Test of Homogeneity of Variances

| | | Levene Statistic | df1 | df2 | Sig. |
|--------------|---|------------------|-----|-------|------|
| Glukosa.post | Based on Mean | .646 | 4 | 10 | .642 |
| | Based on Median | .132 | 4 | 10 | .967 |
| | Based on Median and with adjusted df | .132 | 4 | 7.507 | .966 |
| | Based on trimmed mean | .584 | 4 | 10 | .682 |

ANOVA

Glukosa.post

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|-------|------|
| Between Groups | 4081.597 | 4 | 1020.399 | 2.696 | .093 |
| Within Groups | 3784.260 | 10 | 378.426 | | |
| Total | 7865.857 | 14 | | | |

T-Test

Paired Samples Statistics

| | | Mean | N | Std. Deviation | Std. Error Mean |
|--------|----------------|----------|---|----------------|-----------------|
| Pair 1 | Pre.TP | 135.3333 | 3 | 36.36390 | 20.99471 |
| | Post.TP | 122.0000 | 3 | 19.28730 | 11.13553 |
| Pair 2 | Pre.Na.cmc | 126.3333 | 3 | 23.50177 | 13.56875 |
| | Post.Na.cmc | 161.6667 | 3 | 26.65208 | 15.38759 |
| Pair 3 | Pre.EDS.100mg | 102.0000 | 3 | 10.53565 | 6.08276 |
| | Post.EDS.100mg | 121.3333 | 3 | 16.16581 | 9.33333 |
| Pair 4 | Pre.EDS.200mg | 115.0000 | 3 | 6.24500 | 3.60555 |
| | Post.EDS.200mg | 123.0000 | 3 | 13.85641 | 8.00000 |
| Pair 5 | Pre.EDS.400mg | 106.0000 | 3 | 19.07878 | 11.01514 |
| | Post.EDS.400mg | 116.6667 | 3 | 19.03506 | 10.98989 |

Paired Samples Correlations

| | | N | Correlation | Sig. |
|--------|--------------------------------|---|-------------|------|
| Pair 1 | Pre.TP & Post.TP | 3 | .241 | .845 |
| Pair 2 | Pre.Na.cmc & Post.Na.cmc | 3 | -.761 | .449 |
| Pair 3 | Pre.EDS.100mg & Post.EDS.100mg | 3 | -.294 | .810 |
| Pair 4 | Pre.EDS.200mg & Post.EDS.200mg | 3 | -.693 | .512 |
| Pair 5 | Pre.EDS.400mg & Post.EDS.400mg | 3 | .989 | .097 |

Paired Samples Test

| | | Paired Differences | | | | | t | df | Sig. (2-tailed) |
|--------|--------------------------------|--------------------|----------------|-----------------|---|-----------|--------|----|-----------------|
| | | Mean | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference | | | | |
| | | | | | Lower | Upper | | | |
| Pair 1 | Pre.TP - Post.TP | 13.33333 | 36.82843 | 21.26290 | -78.15356 | 104.82023 | .627 | 2 | .595 |
| Pair 2 | Pre.Na.cmc - Post.Na.cmc | -35.33333 | 47.07795 | 27.18047 | -152.28144 | 81.61478 | -1.300 | 2 | .323 |
| Pair 3 | Pre.EDS.100mg - Post.EDS.100mg | -19.33333 | 21.73323 | 12.54769 | -73.32167 | 34.65501 | -1.541 | 2 | .263 |
| Pair 4 | Pre.EDS.200mg - Post.EDS.200mg | -8.00000 | 18.73499 | 10.81665 | -54.54031 | 38.54031 | -.740 | 2 | .537 |
| Pair 5 | Pre.EDS.400mg - Post.EDS.400mg | -10.66667 | 2.88675 | 1.66667 | -17.83775 | -3.49558 | -6.400 | 2 | .024 |

Asam Urat Pre

Descriptive Statistics

Dependent Variable: As.Urat.Pre

| Perlakuan | Mean | Std. Deviation | N |
|----------------------------------|--------|----------------|----|
| Tanpa perlakuan | 2.4050 | .95452 | 4 |
| Ind.Aloksan + Na.CMC | 3.8375 | .46949 | 4 |
| Ind.Aloksan + EDS 100 mg/kgBB | 3.8425 | .37836 | 4 |
| Ind.Aloksan + EDS 200 mg/kgBB | 2.9050 | .63841 | 4 |
| Ind.Aloksan + EDS 400 mg/kgBB | 2.1500 | .63377 | 4 |
| Total | 3.0280 | .92404 | 20 |

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|--|---------------------------------|----|-------------------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Standardized Residual for As.Urat.Pre | .140 | 20 | .200 [*] | .965 | 20 | .647 |

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Oneway

Test of Homogeneity of Variances

| | | Levene Statistic | df1 | df2 | Sig. |
|-------------|---|------------------|-----|-------|------|
| As.Urat.Pre | Based on Mean | .787 | 4 | 15 | .551 |
| | Based on Median | .638 | 4 | 15 | .644 |
| | Based on Median and with adjusted df | .638 | 4 | 8.542 | .649 |
| | Based on trimmed mean | .766 | 4 | 15 | .563 |

ANOVA

As.Urat.Pre

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|-------|------|
| Between Groups | 9.971 | 4 | 2.493 | 5.981 | .004 |
| Within Groups | 6.252 | 15 | .417 | | |
| Total | 16.223 | 19 | | | |

Post Hoc Tests

Multiple Comparisons

Dependent Variable: As.Urat.Pre

Tukey HSD

| (I) Perlakuan | (J) Perlakuan | Mean | | Sig. | 95% Confidence Interval | |
|-------------------------------|-------------------------------|------------------|------------|-------|-------------------------|-------------|
| | | Difference (I-J) | Std. Error | | Lower Bound | Upper Bound |
| Tanpa perlakuan | Ind.Aloksan + Na.CMC | -1.43250* | .45650 | .046 | -2.8421 | -.0229 |
| | Ind.Aloksan + EDS 100 mg/kgBB | -1.43750* | .45650 | .045 | -2.8471 | -.0279 |
| | Ind.Aloksan + EDS 200 mg/kgBB | -.50000 | .45650 | .806 | -1.9096 | .9096 |
| | Ind.Aloksan + EDS 400 mg/kgBB | .25500 | .45650 | .979 | -1.1546 | 1.6646 |
| Ind.Aloksan + Na.CMC | Tanpa perlakuan | 1.43250* | .45650 | .046 | .0229 | 2.8421 |
| | Ind.Aloksan + EDS 100 mg/kgBB | -.00500 | .45650 | 1.000 | -1.4146 | 1.4046 |
| | Ind.Aloksan + EDS 200 mg/kgBB | .93250 | .45650 | .294 | -.4771 | 2.3421 |
| | Ind.Aloksan + EDS 400 mg/kgBB | 1.68750* | .45650 | .016 | .2779 | 3.0971 |
| Ind.Aloksan + EDS 100 mg/kgBB | Tanpa perlakuan | 1.43750* | .45650 | .045 | .0279 | 2.8471 |
| | Ind.Aloksan + Na.CMC | .00500 | .45650 | 1.000 | -1.4046 | 1.4146 |
| | Ind.Aloksan + EDS 200 mg/kgBB | .93750 | .45650 | .289 | -.4721 | 2.3471 |
| | Ind.Aloksan + EDS 400 mg/kgBB | 1.69250* | .45650 | .015 | .2829 | 3.1021 |
| Ind.Aloksan + EDS 200 mg/kgBB | Tanpa perlakuan | .50000 | .45650 | .806 | -.9096 | 1.9096 |
| | Ind.Aloksan + Na.CMC | -.93250 | .45650 | .294 | -2.3421 | .4771 |
| | Ind.Aloksan + EDS 100 mg/kgBB | -.93750 | .45650 | .289 | -2.3471 | .4721 |
| | Ind.Aloksan + EDS 400 mg/kgBB | .75500 | .45650 | .489 | -.6546 | 2.1646 |
| Ind.Aloksan + EDS 400 mg/kgBB | Tanpa perlakuan | -.25500 | .45650 | .979 | -1.6646 | 1.1546 |
| | Ind.Aloksan + Na.CMC | -1.68750* | .45650 | .016 | -3.0971 | -.2779 |
| | Ind.Aloksan + EDS 100 mg/kgBB | -1.69250* | .45650 | .015 | -3.1021 | -.2829 |
| | Ind.Aloksan + EDS 200 mg/kgBB | -.75500 | .45650 | .489 | -2.1646 | .6546 |

*. The mean difference is significant at the 0.05 level.

Asam Urat Post

Descriptive Statistics

Dependent Variable: As.Urat.Post

| Perlakuan | Mean | Std. Deviation | N |
|----------------------------------|--------|----------------|----|
| Tanpa perlakuan | 1.8575 | .41532 | 4 |
| Ind.Aloksan + Na.CMC | 2.7700 | .20461 | 4 |
| Ind.Aloksan + EDS 100 mg/kgBB | 2.3200 | .27410 | 4 |
| Ind.Aloksan + EDS 200 mg/kgBB | 2.1450 | .04041 | 4 |
| Ind.Aloksan + EDS 400 mg/kgBB | 2.1725 | .29792 | 4 |
| Total | 2.2530 | .39236 | 20 |

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|---|---------------------------------|----|------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Standardized Residual for As.Urat.Post | .167 | 20 | .143 | .955 | 20 | .457 |

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

| | | Levene Statistic | df1 | df2 | Sig. |
|--------------|---|------------------|-----|-------|------|
| As.Urat.Post | Based on Mean | 1.555 | 4 | 15 | .237 |
| | Based on Median | .931 | 4 | 15 | .473 |
| | Based on Median and with adjusted df | .931 | 4 | 9.930 | .485 |
| | Based on trimmed mean | 1.452 | 4 | 15 | .266 |

ANOVA

As.Urat.Post

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|-------|------|
| Between Groups | 1.785 | 4 | .446 | 5.875 | .005 |
| Within Groups | 1.140 | 15 | .076 | | |
| Total | 2.925 | 19 | | | |

Post Hoc Tests

Multiple Comparisons

Dependent Variable: As.Urat.Post

Tukey HSD

| (I) Perlakuan | (J) Perlakuan | Mean Difference (I-J) | Std. Error | Sig. | 95% Confidence Interval | |
|----------------------------------|-------------------------------|--------------------------|------------|-------|-------------------------|-------------|
| | | | | | Lower Bound | Upper Bound |
| Tanpa perlakuan | Ind.Aloksan + Na.CMC | -.91250* | .19491 | .002 | -1.5144 | -.3106 |
| | Ind.Aloksan + EDS 100 mg/kgBB | -.46250 | .19491 | .176 | -1.0644 | .1394 |
| | Ind.Aloksan + EDS 200 mg/kgBB | -.28750 | .19491 | .592 | -.8894 | .3144 |
| | Ind.Aloksan + EDS 400 mg/kgBB | -.31500 | .19491 | .510 | -.9169 | .2869 |
| Ind.Aloksan + Na.CMC | Tanpa perlakuan | .91250* | .19491 | .002 | .3106 | 1.5144 |
| | Ind.Aloksan + EDS 100 mg/kgBB | .45000 | .19491 | .196 | -.1519 | 1.0519 |
| | Ind.Aloksan + EDS 200 mg/kgBB | .62500* | .19491 | .040 | .0231 | 1.2269 |
| | Ind.Aloksan + EDS 400 mg/kgBB | .59750 | .19491 | .052 | -.0044 | 1.1994 |
| Ind.Aloksan + EDS 100 mg/kgBB | Tanpa perlakuan | .46250 | .19491 | .176 | -.1394 | 1.0644 |
| | Ind.Aloksan + Na.CMC | -.45000 | .19491 | .196 | -1.0519 | .1519 |
| | Ind.Aloksan + EDS 200 mg/kgBB | .17500 | .19491 | .893 | -.4269 | .7769 |
| | Ind.Aloksan + EDS 400 mg/kgBB | .14750 | .19491 | .939 | -.4544 | .7494 |
| Ind.Aloksan + EDS 200 mg/kgBB | Tanpa perlakuan | .28750 | .19491 | .592 | -.3144 | .8894 |
| | Ind.Aloksan + Na.CMC | -.62500* | .19491 | .040 | -1.2269 | -.0231 |
| | Ind.Aloksan + EDS 100 mg/kgBB | -.17500 | .19491 | .893 | -.7769 | .4269 |
| | Ind.Aloksan + EDS 400 mg/kgBB | -.02750 | .19491 | 1.000 | -.6294 | .5744 |
| Ind.Aloksan + EDS 400 mg/kgBB | Tanpa perlakuan | .31500 | .19491 | .510 | -.2869 | .9169 |
| | Ind.Aloksan + Na.CMC | -.59750 | .19491 | .052 | -1.1994 | .0044 |
| | Ind.Aloksan + EDS 100 mg/kgBB | -.14750 | .19491 | .939 | -.7494 | .4544 |
| | Ind.Aloksan + EDS 200 mg/kgBB | .02750 | .19491 | 1.000 | -.5744 | .6294 |

*. The mean difference is significant at the 0.05 level.

T-Test

Paired Samples Statistics

| | | Mean | N | Std. Deviation | Std. Error Mean |
|--------|----------------|--------|---|----------------|-----------------|
| Pair 1 | Pre.TP | 2.4050 | 4 | .95452 | .47726 |
| | Post.TP | 1.8575 | 4 | .41532 | .20766 |
| Pair 2 | Pre.Na.cmc | 3.8375 | 4 | .46949 | .23475 |
| | Post.Na.cmc | 2.7700 | 4 | .20461 | .10231 |
| Pair 3 | Pre.EDS.100mg | 3.8425 | 4 | .37836 | .18918 |
| | Post.EDS.100mg | 2.3200 | 4 | .27410 | .13705 |
| Pair 4 | Pre.EDS.200mg | 2.9050 | 4 | .63841 | .31920 |
| | Post.EDS.200mg | 2.1450 | 4 | .04041 | .02021 |
| Pair 5 | Pre.EDS.400mg | 2.1500 | 4 | .63377 | .31689 |
| | Post.EDS.400mg | 2.1725 | 4 | .29792 | .14896 |

Paired Samples Correlations

| | | N | Correlation | Sig. |
|--------|--------------------------------|---|-------------|------|
| Pair 1 | Pre.TP & Post.TP | 4 | .575 | .425 |
| Pair 2 | Pre.Na.cmc & Post.Na.cmc | 4 | -.454 | .546 |
| Pair 3 | Pre.EDS.100mg & Post.EDS.100mg | 4 | -.337 | .663 |
| Pair 4 | Pre.EDS.200mg & Post.EDS.200mg | 4 | .663 | .337 |
| Pair 5 | Pre.EDS.400mg & Post.EDS.400mg | 4 | -.963 | .037 |

Paired Samples Test

| | | Paired Differences | | | | | t | df | Sig. (2-tailed) |
|--------|--------------------------------|--------------------|----------------|-----------------|---|---------|-------|----|-----------------|
| | | Mean | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference | | | | |
| | | | | | Lower | Upper | | | |
| Pair 1 | Pre.TP - Post.TP | .54750 | .79252 | .39626 | -.71358 | 1.80858 | 1.382 | 3 | .261 |
| Pair 2 | Pre.Na.cmc - Post.Na.cmc | 1.06750 | .59118 | .29559 | .12680 | 2.00820 | 3.611 | 3 | .036 |
| Pair 3 | Pre.EDS.100mg - Post.EDS.100mg | 1.52250 | .53680 | .26840 | .66833 | 2.37667 | 5.672 | 3 | .011 |
| Pair 4 | Pre.EDS.200mg - Post.EDS.200mg | .76000 | .61237 | .30619 | -.21442 | 1.73442 | 2.482 | 3 | .089 |
| Pair 5 | Pre.EDS.400mg - Post.EDS.400mg | -.02250 | .92421 | .46210 | -1.49312 | 1.44812 | -.049 | 3 | .964 |

Kreatinin Pre

Descriptive Statistics

Dependent Variable: Kreatinin.Pre

| Perlakuan | Mean | Std. Deviation | N |
|----------------------------------|-------|----------------|----|
| Tanpa perlakuan | .4788 | .07999 | 4 |
| Ind.Aloksan + Na.CMC | .5410 | .14434 | 4 |
| Ind.Aloksan + EDS 100 mg/kgBB | .6038 | .07947 | 4 |
| Ind.Aloksan + EDS 200 mg/kgBB | .4997 | .06818 | 4 |
| Ind.Aloksan + EDS 400 mg/kgBB | .5413 | .15989 | 4 |
| Total | .5329 | .10955 | 20 |

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|--|---------------------------------|----|-------------------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Standardized Residual for Kreatinin.Pre | .134 | 20 | .200 [*] | .936 | 20 | .206 |

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

| | | Levene Statistic | df1 | df2 | Sig. |
|---------------|---|------------------|-----|-------|------|
| Kreatinin.Pre | Based on Mean | 3.285 | 4 | 15 | .040 |
| | Based on Median | 2.390 | 4 | 15 | .097 |
| | Based on Median and with adjusted df | 2.390 | 4 | 8.124 | .136 |
| | Based on trimmed mean | 3.270 | 4 | 15 | .041 |

ANOVA

Kreatinin.Pre

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|------|------|
| Between Groups | .037 | 4 | .009 | .720 | .591 |
| Within Groups | .191 | 15 | .013 | | |
| Total | .228 | 19 | | | |

Kreatinin Post

Descriptive Statistics

Dependent Variable: Kreatinin.Post

| Perlakuan | Mean | Std. Deviation | N |
|----------------------------------|-------|----------------|----|
| Tanpa perlakuan | .3538 | .04150 | 4 |
| Ind.Aloksan + Na.CMC | .4580 | .04850 | 4 |
| Ind.Aloksan + EDS 100 mg/kgBB | .4580 | .04850 | 4 |
| Ind.Aloksan + EDS 200 mg/kgBB | .3955 | .07990 | 4 |
| Ind.Aloksan + EDS 400 mg/kgBB | .3745 | .08300 | 4 |
| Total | .4080 | .07108 | 20 |

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|---|---------------------------------|----|------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Standardized Residual for Kreatinin.Post | .222 | 20 | .011 | .929 | 20 | .145 |

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

| | | Levene Statistic | df1 | df2 | Sig. |
|----------------|---|------------------|-----|-------|------|
| Kreatinin.Post | Based on Mean | 1.157 | 4 | 15 | .369 |
| | Based on Median | .420 | 4 | 15 | .792 |
| | Based on Median and with adjusted df | .420 | 4 | 6.032 | .790 |
| | Based on trimmed mean | .973 | 4 | 15 | .451 |

ANOVA

Kreatinin.Post

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|-------|------|
| Between Groups | .037 | 4 | .009 | 2.341 | .102 |
| Within Groups | .059 | 15 | .004 | | |
| Total | .096 | 19 | | | |

T-Test

Paired Samples Statistics

| | | Mean | N | Std. Deviation | Std. Error Mean |
|--------|----------------|-------|---|----------------|-----------------|
| Pair 1 | Pre.TP | .4787 | 4 | .07999 | .03999 |
| | Post.TP | .3538 | 4 | .04150 | .02075 |
| Pair 2 | Pre.Na.cmc | .5410 | 4 | .14434 | .07217 |
| | Post.Na.cmc | .4580 | 4 | .04850 | .02425 |
| Pair 3 | Pre.EDS.100mg | .6038 | 4 | .07947 | .03973 |
| | Post.EDS.100mg | .4580 | 4 | .04850 | .02425 |
| Pair 4 | Pre.EDS.200mg | .4997 | 4 | .06818 | .03409 |
| | Post.EDS.200mg | .3955 | 4 | .07990 | .03995 |
| Pair 5 | Pre.EDS.400mg | .5413 | 4 | .15989 | .07995 |
| | Post.EDS.400mg | .3745 | 4 | .08300 | .04150 |

Paired Samples Correlations

| | | N | Correlation | Sig. |
|--------|--------------------------------|---|-------------|------|
| Pair 1 | Pre.TP & Post.TP | 4 | .177 | .823 |
| Pair 2 | Pre.Na.cmc & Post.Na.cmc | 4 | 1.000 | .000 |
| Pair 3 | Pre.EDS.100mg & Post.EDS.100mg | 4 | -.302 | .698 |
| Pair 4 | Pre.EDS.200mg & Post.EDS.200mg | 4 | -.855 | .145 |
| Pair 5 | Pre.EDS.400mg & Post.EDS.400mg | 4 | -.174 | .826 |

Paired Samples Test

| | | Mean | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference | | t | df | Sig. (2-tailed) |
|--------|--------------------------------|--------|----------------|-----------------|---|--------|-------|----|-----------------|
| | | | | | Lower | Upper | | | |
| Pair 1 | Pre.TP - Post.TP | .12500 | .08333 | .04167 | -.00760 | .25760 | 3.000 | 3 | .058 |
| Pair 2 | Pre.Na.cmc - Post.Na.cmc | .08300 | .09584 | .04792 | -.06950 | .23550 | 1.732 | 3 | .182 |
| Pair 3 | Pre.EDS.100mg - Post.EDS.100mg | .14575 | .10484 | .05242 | -.02107 | .31257 | 2.780 | 3 | .069 |
| Pair 4 | Pre.EDS.200mg - Post.EDS.200mg | .10425 | .14263 | .07131 | -.12270 | .33120 | 1.462 | 3 | .240 |
| Pair 5 | Pre.EDS.400mg - Post.EDS.400mg | .16675 | .19255 | .09627 | -.13963 | .47313 | 1.732 | 3 | .182 |

