

Lampiran 1.

Hasil Analisis Statistik

Descriptives

| kelompok | | Statistic | Std. Error | | |
|----------------------------------|-------------|----------------------------------|-------------|-------|-------|
| jumlah leukosit pre test | perlakuan 1 | Mean | 4.117 | .6930 | |
| | | 95% Confidence Interval for Mean | Lower Bound | 2.335 | |
| | | | Upper Bound | 5.898 | |
| | | 5% Trimmed Mean | 4.130 | | |
| | | Median | 3.750 | | |
| | | Variance | 2.882 | | |
| | | Std. Deviation | 1.6975 | | |
| | | Minimum | 1.8 | | |
| | | Maximum | 6.2 | | |
| | | Range | 4.4 | | |
| | | Interquartile Range | 3.2 | | |
| | | Skewness | .145 | .845 | |
| | | Kurtosis | -1.108 | 1.741 | |
| | | | perlakuan 2 | Mean | 3.533 |
| 95% Confidence Interval for Mean | Lower Bound | | | 2.588 | |
| | Upper Bound | | | 4.478 | |
| 5% Trimmed Mean | 3.520 | | | | |
| Median | 3.400 | | | | |
| Variance | .811 | | | | |
| Std. Deviation | .9004 | | | | |
| Minimum | 2.5 | | | | |
| Maximum | 4.8 | | | | |
| Range | 2.3 | | | | |

| | | | | |
|---------------------------|-------------|---|--------|-------|
| | | Interquartile Range | 1.5 | |
| | | Skewness | .315 | .845 |
| | | Kurtosis | -1.721 | 1.741 |
| | kontrol | Mean | 4.700 | .6626 |
| | | 95% Confidence Interval for Lower Bound | 2.860 | |
| | | Mean Upper Bound | 6.540 | |
| | | 5% Trimmed Mean | 4.717 | |
| | | Median | 5.100 | |
| | | Variance | 2.195 | |
| | | Std. Deviation | 1.4816 | |
| | | Minimum | 2.9 | |
| | | Maximum | 6.2 | |
| | | Range | 3.3 | |
| | | Interquartile Range | 2.9 | |
| | | Skewness | -.367 | .913 |
| | | Kurtosis | -2.677 | 2.000 |
| jumlah leukosit post test | perlakuan 1 | Mean | 9.933 | .2459 |
| | | 95% Confidence Interval for Lower Bound | 9.301 | |
| | | Mean Upper Bound | 10.565 | |
| | | 5% Trimmed Mean | 9.937 | |
| | | Median | 10.000 | |
| | | Variance | .363 | |
| | | Std. Deviation | .6022 | |
| | | Minimum | 9.1 | |
| | | Maximum | 10.7 | |
| | | Range | 1.6 | |
| | | Interquartile Range | 1.2 | |
| | | Skewness | -.238 | .845 |

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|---------------------------|-------------|---|--------|--------|
| | | Kurtosis | -1.158 | 1.741 |
| | perlakuan 2 | Mean | 11.183 | 1.8337 |
| | | 95% Confidence Interval for Lower Bound | 6.470 | |
| | | Mean Upper Bound | 15.897 | |
| | | 5% Trimmed Mean | 10.976 | |
| | | Median | 9.950 | |
| | | Variance | 20.174 | |
| | | Std. Deviation | 4.4915 | |
| | | Minimum | 6.5 | |
| | | Maximum | 19.6 | |
| | | Range | 13.1 | |
| | | Interquartile Range | 5.3 | |
| | | Skewness | 1.590 | .845 |
| | | Kurtosis | 3.254 | 1.741 |
| | kontrol | Mean | 12.520 | 1.4431 |
| | | 95% Confidence Interval for Lower Bound | 8.513 | |
| | | Mean Upper Bound | 16.527 | |
| | | 5% Trimmed Mean | 12.489 | |
| | | Median | 12.800 | |
| | | Variance | 10.412 | |
| | | Std. Deviation | 3.2268 | |
| | | Minimum | 8.6 | |
| | | Maximum | 17.0 | |
| | | Range | 8.4 | |
| | | Interquartile Range | 5.9 | |
| | | Skewness | .276 | .913 |
| | | Kurtosis | -.369 | 2.000 |
| jumlah neutrofil pre test | perlakuan 1 | Mean | 2.983 | .4643 |
| | | 95% Confidence Interval for Lower Bound | 1.790 | |

| | | | | |
|-------------|----------------------------------|-------------|--------|-------|
| | Mean | Upper Bound | 4.177 | |
| | 5% Trimmed Mean | | 3.004 | |
| | Median | | 2.850 | |
| | Variance | | 1.294 | |
| | Std. Deviation | | 1.1374 | |
| | Minimum | | 1.3 | |
| | Maximum | | 4.3 | |
| | Range | | 3.0 | |
| | Interquartile Range | | 2.1 | |
| | Skewness | | -.185 | .845 |
| | Kurtosis | | -.667 | 1.741 |
| perlakuan 2 | Mean | | 2.567 | .2539 |
| | 95% Confidence Interval for Mean | Lower Bound | 1.914 | |
| | | Upper Bound | 3.219 | |
| | 5% Trimmed Mean | | 2.569 | |
| | Median | | 2.500 | |
| | Variance | | .387 | |
| | Std. Deviation | | .6218 | |
| | Minimum | | 1.8 | |
| | Maximum | | 3.3 | |
| | Range | | 1.5 | |
| | Interquartile Range | | 1.2 | |
| | Skewness | | .074 | .845 |
| | Kurtosis | | -2.205 | 1.741 |
| kontrol | Mean | | 3.440 | .4844 |
| | 95% Confidence Interval for Mean | Lower Bound | 2.095 | |
| | | Upper Bound | 4.785 | |
| | 5% Trimmed Mean | | 3.439 | |
| | Median | | 3.800 | |

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|----------------------------|-------------|----------------------------------|-------------|--------|--------|
| | | Variance | | 1.173 | |
| | | Std. Deviation | | 1.0831 | |
| | | Minimum | | 2.1 | |
| | | Maximum | | 4.8 | |
| | | Range | | 2.7 | |
| | | Interquartile Range | | 2.0 | |
| | | Skewness | | -.111 | .913 |
| | | Kurtosis | | -1.455 | 2.000 |
| jumlah neutrofil post test | perlakuan 1 | Mean | | 7.167 | .3242 |
| | | 95% Confidence Interval for Mean | Lower Bound | 6.333 | |
| | | | Upper Bound | 8.000 | |
| | | 5% Trimmed Mean | | 7.207 | |
| | | Median | | 7.450 | |
| | | Variance | | .631 | |
| | | Std. Deviation | | .7941 | |
| | | Minimum | | 5.7 | |
| | | Maximum | | 7.9 | |
| | | Range | | 2.2 | |
| | | Interquartile Range | | 1.1 | |
| | | Skewness | | -1.566 | .845 |
| | | Kurtosis | | 2.536 | 1.741 |
| | perlakuan 2 | Mean | | 7.917 | 1.4784 |
| | | 95% Confidence Interval for Mean | Lower Bound | 4.116 | |
| | | | Upper Bound | 11.717 | |
| | | 5% Trimmed Mean | | 7.769 | |
| | | Median | | 7.500 | |
| | | Variance | | 13.114 | |
| | | Std. Deviation | | 3.6213 | |
| | | Minimum | | 3.9 | |

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|--------------------|-------------|----------------------------------|-------------|----------|--------|
| | | Maximum | | 14.6 | |
| | | Range | | 10.7 | |
| | | Interquartile Range | | 4.3 | |
| | | Skewness | | 1.421 | .845 |
| | | Kurtosis | | 3.000 | 1.741 |
| | kontrol | Mean | | 9.780 | 1.4985 |
| | | 95% Confidence Interval for Mean | Lower Bound | 5.620 | |
| | | | Upper Bound | 13.940 | |
| | | 5% Trimmed Mean | | 9.761 | |
| | | Median | | 10.100 | |
| | | Variance | | 11.227 | |
| | | Std. Deviation | | 3.3507 | |
| | | Minimum | | 5.4 | |
| | | Maximum | | 14.5 | |
| | | Range | | 9.1 | |
| | | Interquartile Range | | 5.8 | |
| | | Skewness | | .199 | .913 |
| | | Kurtosis | | .641 | 2.000 |
| kadar ALP pre test | perlakuan 1 | Mean | | 317.00 | 38.667 |
| | | 95% Confidence Interval for Mean | Lower Bound | 217.60 | |
| | | | Upper Bound | 416.40 | |
| | | 5% Trimmed Mean | | 313.50 | |
| | | Median | | 294.50 | |
| | | Variance | | 8970.800 | |
| | | Std. Deviation | | 94.714 | |
| | | Minimum | | 221 | |
| | | Maximum | | 476 | |
| | | Range | | 255 | |
| | | Interquartile Range | | 155 | |

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|---------------------|-------------|---|-----------|--------|
| | | Skewness | .986 | .845 |
| | | Kurtosis | .384 | 1.741 |
| | perlakuan 2 | Mean | 424.33 | 56.623 |
| | | 95% Confidence Interval for Lower Bound | 278.78 | |
| | | Mean Upper Bound | 569.89 | |
| | | 5% Trimmed Mean | 423.20 | |
| | | Median | 420.00 | |
| | | Variance | 19236.667 | |
| | | Std. Deviation | 138.696 | |
| | | Minimum | 231 | |
| | | Maximum | 638 | |
| | | Range | 407 | |
| | | Interquartile Range | 220 | |
| | | Skewness | .259 | .845 |
| | | Kurtosis | .485 | 1.741 |
| | kontrol | Mean | 197.60 | 19.177 |
| | | 95% Confidence Interval for Lower Bound | 144.36 | |
| | | Mean Upper Bound | 250.84 | |
| | | 5% Trimmed Mean | 196.33 | |
| | | Median | 189.00 | |
| | | Variance | 1838.800 | |
| | | Std. Deviation | 42.881 | |
| | | Minimum | 157 | |
| | | Maximum | 261 | |
| | | Range | 104 | |
| | | Interquartile Range | 80 | |
| | | Skewness | .816 | .913 |
| | | Kurtosis | -.427 | 2.000 |
| kadar ALP post test | perlakuan 1 | Mean | 497.17 | 33.815 |

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|-------------|----------------------------------|-------------|-----------|--------|
| | 95% Confidence Interval for Mean | Lower Bound | 410.24 | |
| | | Upper Bound | 584.09 | |
| | 5% Trimmed Mean | | 495.80 | |
| | Median | | 489.00 | |
| | Variance | | 6860.567 | |
| | Std. Deviation | | 82.829 | |
| | Minimum | | 408 | |
| | Maximum | | 611 | |
| | Range | | 203 | |
| | Interquartile Range | | 168 | |
| | Skewness | | .310 | .845 |
| | Kurtosis | | -1.678 | 1.741 |
| perlakuan 2 | Mean | | 802.33 | 75.607 |
| | 95% Confidence Interval for Mean | Lower Bound | 607.98 | |
| | | Upper Bound | 996.69 | |
| | 5% Trimmed Mean | | 801.20 | |
| | Median | | 773.00 | |
| | Variance | | 34298.267 | |
| | Std. Deviation | | 185.198 | |
| | Minimum | | 599 | |
| | Maximum | | 1026 | |
| | Range | | 427 | |
| | Interquartile Range | | 352 | |
| | Skewness | | .174 | .845 |
| | Kurtosis | | -2.573 | 1.741 |
| kontrol | Mean | | 424.40 | 32.001 |
| | 95% Confidence Interval for Mean | Lower Bound | 335.55 | |
| | | Upper Bound | 513.25 | |
| | 5% Trimmed Mean | | 421.67 | |

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|---------------------|----------|-------|
| Median | 390.00 | |
| Variance | 5120.300 | |
| Std. Deviation | 71.556 | |
| Minimum | 364 | |
| Maximum | 534 | |
| Range | 170 | |
| Interquartile Range | 127 | |
| Skewness | 1.110 | .913 |
| Kurtosis | -.067 | 2.000 |

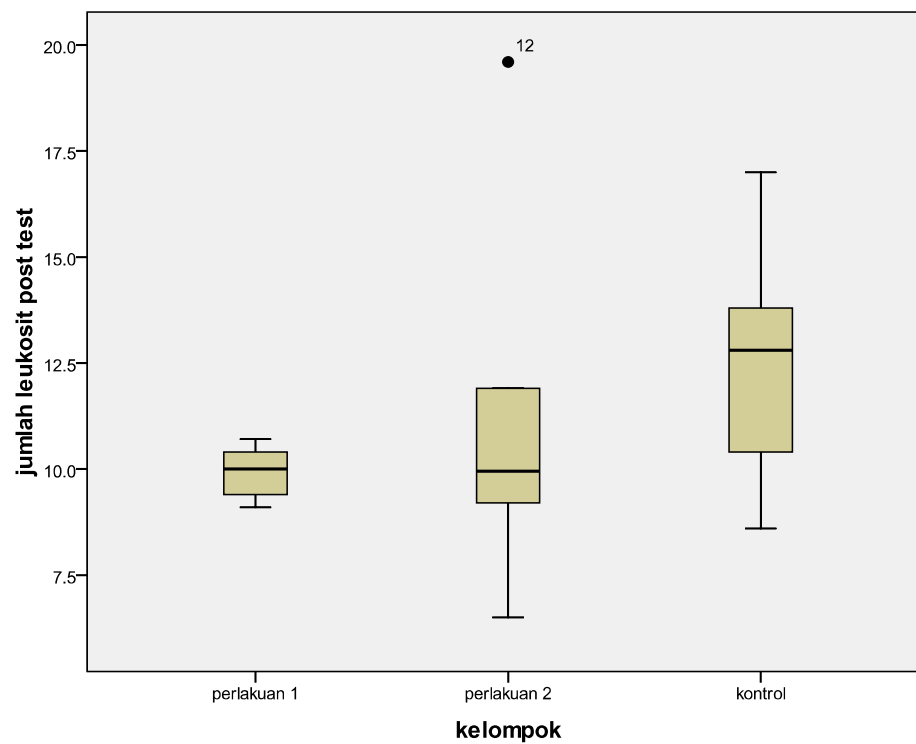
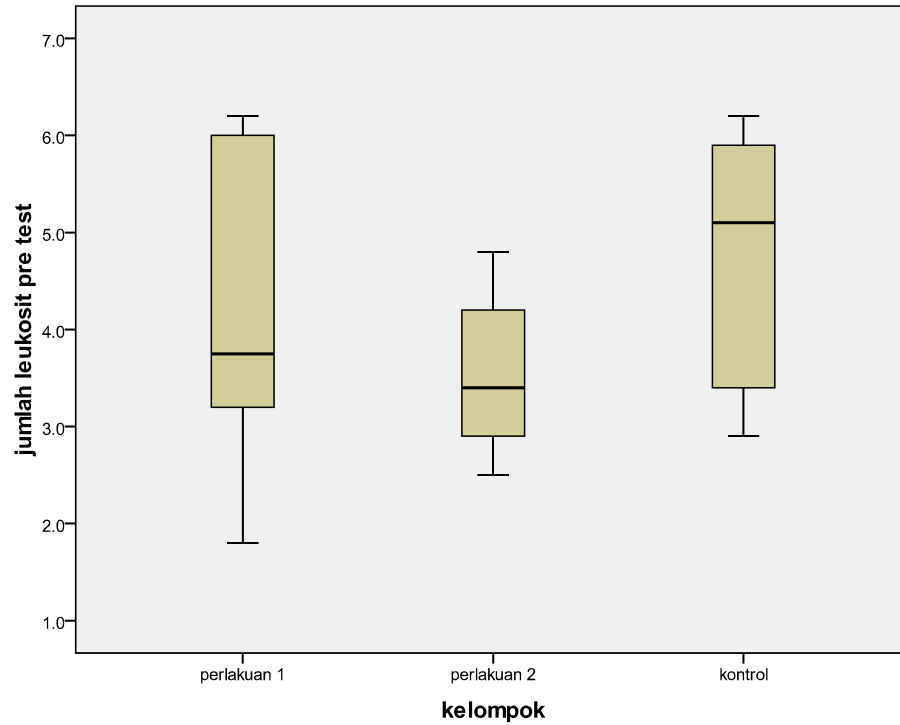
Tests of Normality

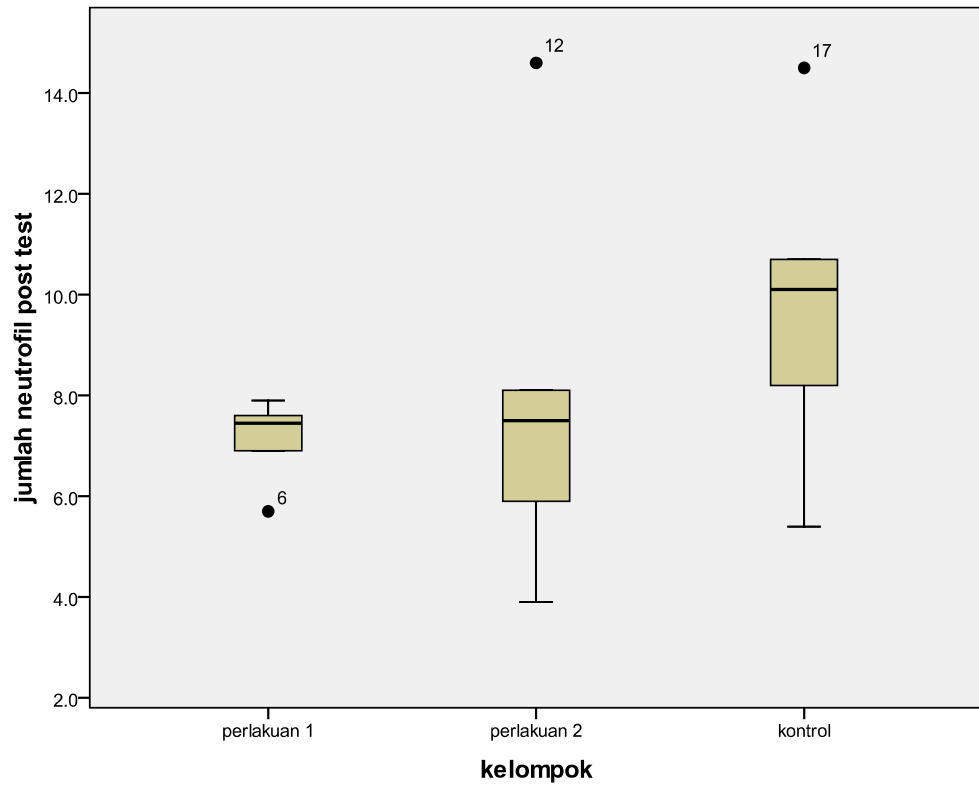
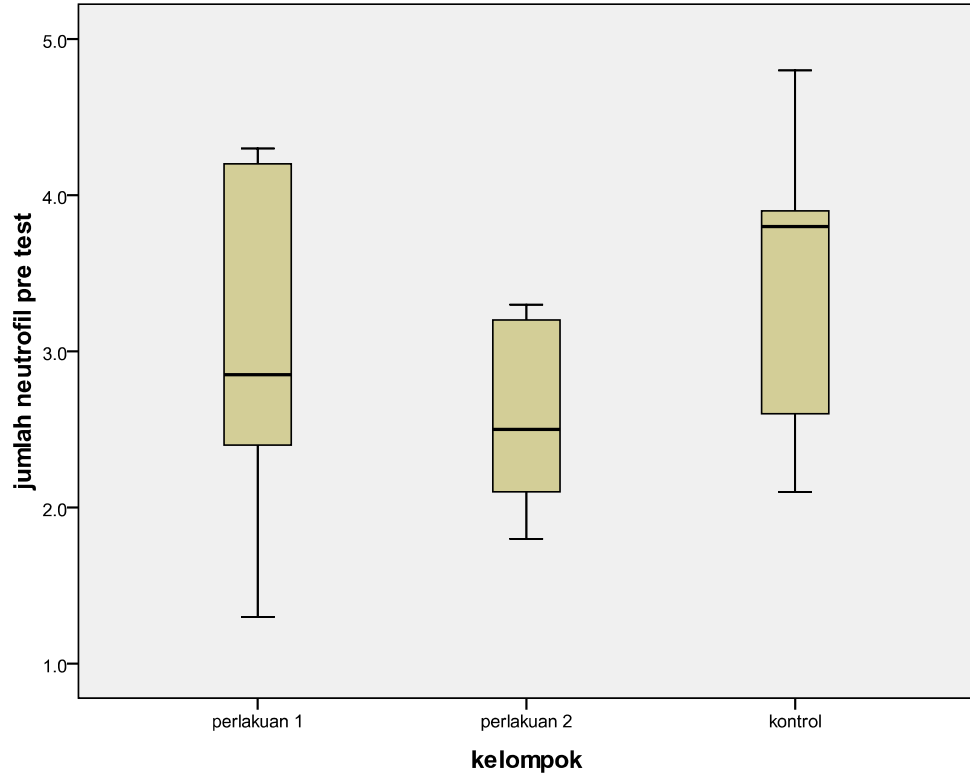
| kelompok | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | | |
|----------------------------|---------------------------------|------|------|--------------|------|------|------|
| | Statistic | df | Sig. | Statistic | df | Sig. | |
| jumlah leukosit pre test | perlakuan 1 | .217 | 6 | .200* | .920 | 6 | .508 |
| | perlakuan 2 | .259 | 6 | .200* | .921 | 6 | .512 |
| | kontrol | .210 | 5 | .200* | .891 | 5 | .361 |
| jumlah leukosit post test | perlakuan 1 | .145 | 6 | .200* | .971 | 6 | .901 |
| | perlakuan 2 | .270 | 6 | .196 | .853 | 6 | .168 |
| | kontrol | .146 | 5 | .200* | .985 | 5 | .958 |
| jumlah neutrofil pre test | perlakuan 1 | .191 | 6 | .200* | .936 | 6 | .628 |
| | perlakuan 2 | .222 | 6 | .200* | .910 | 6 | .435 |
| | kontrol | .230 | 5 | .200* | .947 | 5 | .718 |
| jumlah neutrofil post test | perlakuan 1 | .233 | 6 | .200* | .850 | 6 | .158 |
| | perlakuan 2 | .313 | 6 | .067 | .874 | 6 | .241 |
| | kontrol | .192 | 5 | .200* | .985 | 5 | .960 |
| kadar ALP pre test | perlakuan 1 | .209 | 6 | .200* | .922 | 6 | .523 |
| | perlakuan 2 | .133 | 6 | .200* | .993 | 6 | .996 |
| | Control | .190 | 5 | .200* | .923 | 5 | .550 |

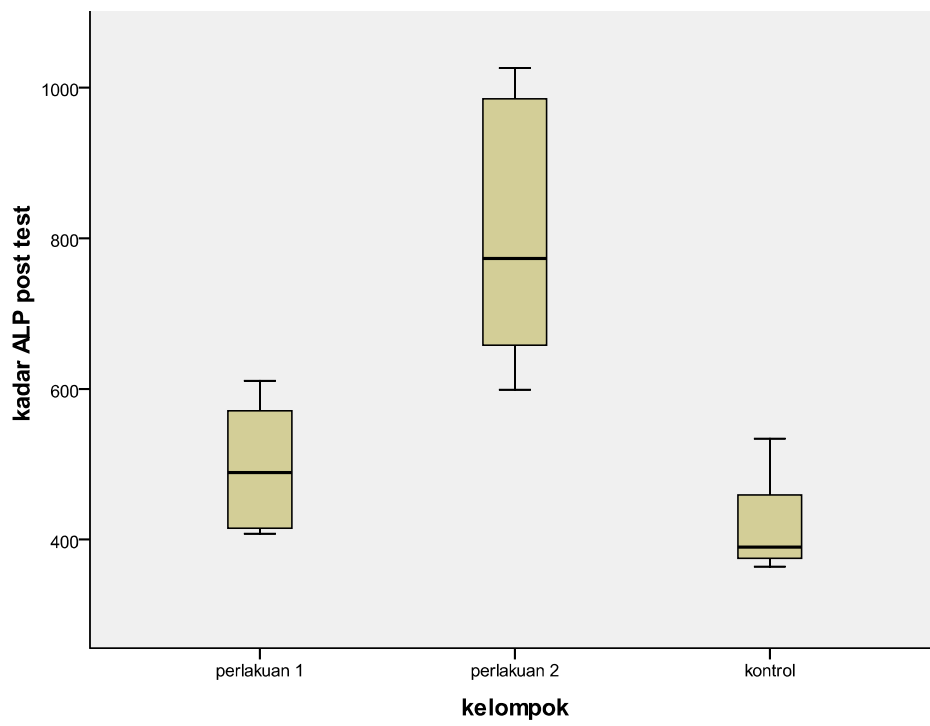
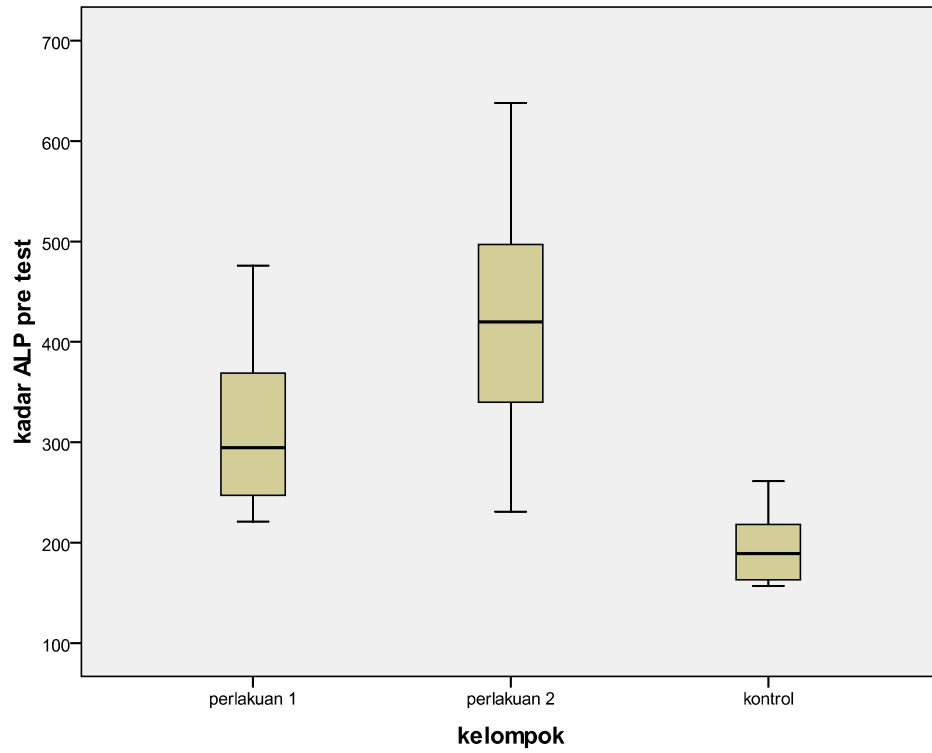
| | | | | | | | |
|---------------------|-------------|------|---|-------|------|---|------|
| kadar ALP post test | perlakuan 1 | .173 | 6 | .200* | .928 | 6 | .561 |
| | perlakuan 2 | .274 | 6 | .179 | .868 | 6 | .217 |
| | kontrol | .285 | 5 | .200* | .867 | 5 | .255 |

a. Lilliefors Significance Correction

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







Descriptives

| kelompok | | | Statistic | Std. Error | |
|----------------------------------|-------------|----------------------------------|-------------|------------|-------|
| delta leukosit | perlakuan 1 | Mean | 5.817 | .7499 | |
| | | 95% Confidence Interval for Mean | Lower Bound | 3.889 | |
| | | | Upper Bound | 7.744 | |
| | | 5% Trimmed Mean | 5.807 | | |
| | | Median | 5.850 | | |
| | | Variance | 3.374 | | |
| | | Std. Deviation | 1.8368 | | |
| | | Minimum | 3.2 | | |
| | | Maximum | 8.6 | | |
| | | Range | 5.4 | | |
| | | Interquartile Range | 2.8 | | |
| | | Skewness | .144 | .845 | |
| | | Kurtosis | .459 | 1.741 | |
| | | | perlakuan 2 | Mean | 7.650 |
| 95% Confidence Interval for Mean | Lower Bound | | | 3.206 | |
| | Upper Bound | | | 12.094 | |
| 5% Trimmed Mean | 7.550 | | | | |
| Median | 7.050 | | | | |
| Variance | 17.931 | | | | |
| Std. Deviation | 4.2345 | | | | |
| Minimum | 2.3 | | | | |
| Maximum | 14.8 | | | | |
| Range | 12.5 | | | | |
| Interquartile Range | 6.2 | | | | |
| Skewness | .803 | | | .845 | |
| Kurtosis | 1.314 | | | 1.741 | |

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|----------------------------------|----------------------------------|-------------|-------------|--------|-------|
| Control | Mean | | 7.820 | 1.0795 | |
| | 95% Confidence Interval for Mean | Lower Bound | 4.823 | | |
| | | Upper Bound | 10.817 | | |
| | 5% Trimmed Mean | | 7.711 | | |
| | Median | | 7.000 | | |
| | Variance | | 5.827 | | |
| | Std. Deviation | | 2.4139 | | |
| | Minimum | | 5.7 | | |
| | Maximum | | 11.9 | | |
| | Range | | 6.2 | | |
| | Interquartile Range | | 3.8 | | |
| | Skewness | | 1.660 | .913 | |
| | Kurtosis | | 3.043 | 2.000 | |
| | delta neutrofil | perlakuan 1 | Mean | 4.183 | .3321 |
| 95% Confidence Interval for Mean | | | Lower Bound | 3.330 | |
| | | | Upper Bound | 5.037 | |
| 5% Trimmed Mean | | | | 4.187 | |
| Median | | | | 4.450 | |
| Variance | | | | .662 | |
| Std. Deviation | | | | .8134 | |
| Minimum | | | | 3.1 | |
| Maximum | | | | 5.2 | |
| Range | | | | 2.1 | |
| Interquartile Range | | | | 1.5 | |
| Skewness | | | | -.443 | .845 |
| Kurtosis | | | | -1.298 | 1.741 |
| perlakuan 2 | | | Mean | | 5.350 |
| | 95% Confidence Interval for Mean | Lower Bound | 1.617 | | |
| | | Upper Bound | 9.083 | | |

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|-----------|-------------|----------------------------------|-------------|----------|--------|
| | | 5% Trimmed Mean | | 5.278 | |
| | | Median | | 5.450 | |
| | | Variance | | 12.655 | |
| | | Std. Deviation | | 3.5574 | |
| | | Minimum | | .7 | |
| | | Maximum | | 11.3 | |
| | | Range | | 10.6 | |
| | | Interquartile Range | | 4.9 | |
| | | Skewness | | .662 | .845 |
| | | Kurtosis | | 1.386 | 1.741 |
| | Control | Mean | | 6.340 | 1.2110 |
| | | 95% Confidence Interval for Mean | Lower Bound | 2.978 | |
| | | | Upper Bound | 9.702 | |
| | | 5% Trimmed Mean | | 6.272 | |
| | | Median | | 5.600 | |
| | | Variance | | 7.333 | |
| | | Std. Deviation | | 2.7080 | |
| | | Minimum | | 3.3 | |
| | | Maximum | | 10.6 | |
| | | Range | | 7.3 | |
| | | Interquartile Range | | 4.5 | |
| | | Skewness | | 1.004 | .913 |
| | | Kurtosis | | 1.678 | 2.000 |
| delta ALP | perlakuan 1 | Mean | | 180.17 | 21.110 |
| | | 95% Confidence Interval for Mean | Lower Bound | 125.90 | |
| | | | Upper Bound | 234.43 | |
| | | 5% Trimmed Mean | | 178.96 | |
| | | Median | | 155.50 | |
| | | Variance | | 2673.767 | |

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|-------------|----------------------------------|-------------|-----------|--------|
| | Std. Deviation | | 51.708 | |
| | Minimum | | 135 | |
| | Maximum | | 247 | |
| | Range | | 112 | |
| | Interquartile Range | | 105 | |
| | Skewness | | .853 | .845 |
| | Kurtosis | | -1.878 | 1.741 |
| perlakuan 2 | Mean | | 378.00 | 46.980 |
| | 95% Confidence Interval for Mean | Lower Bound | 257.23 | |
| | | Upper Bound | 498.77 | |
| | 5% Trimmed Mean | | 378.67 | |
| | Median | | 387.00 | |
| | Variance | | 13242.800 | |
| | Std. Deviation | | 115.077 | |
| | Minimum | | 198 | |
| | Maximum | | 546 | |
| | Range | | 348 | |
| | Interquartile Range | | 165 | |
| | Skewness | | -.224 | .845 |
| | Kurtosis | | 1.179 | 1.741 |
| Control | Mean | | 226.80 | 38.615 |
| | 95% Confidence Interval for Mean | Lower Bound | 119.59 | |
| | | Upper Bound | 334.01 | |
| | 5% Trimmed Mean | | 228.72 | |
| | Median | | 212.00 | |
| | Variance | | 7455.700 | |
| | Std. Deviation | | 86.346 | |
| | Minimum | | 103 | |
| | Maximum | | 316 | |

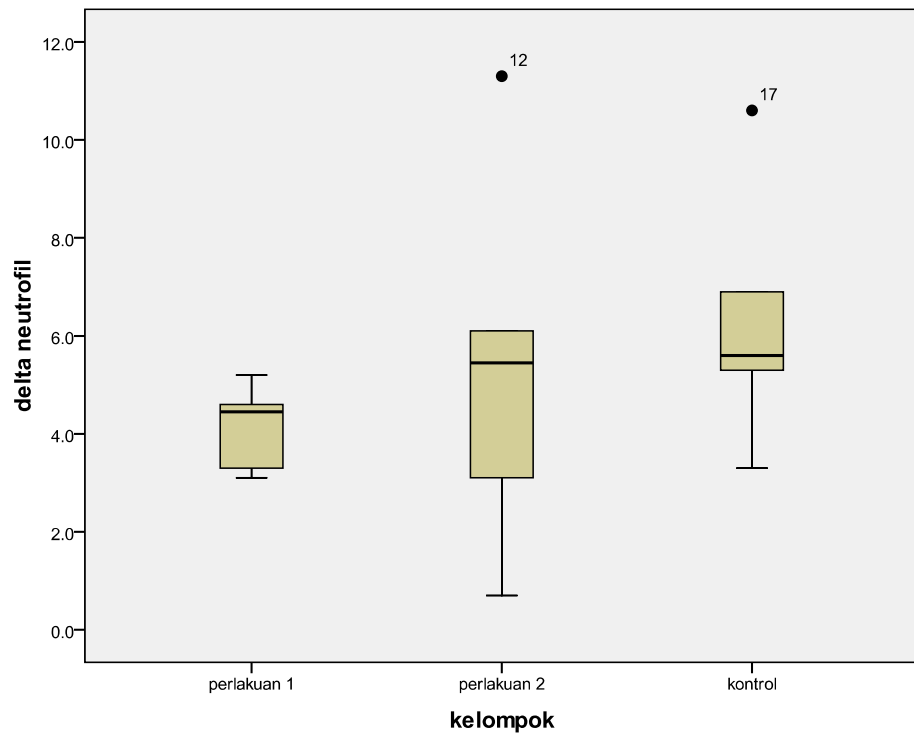
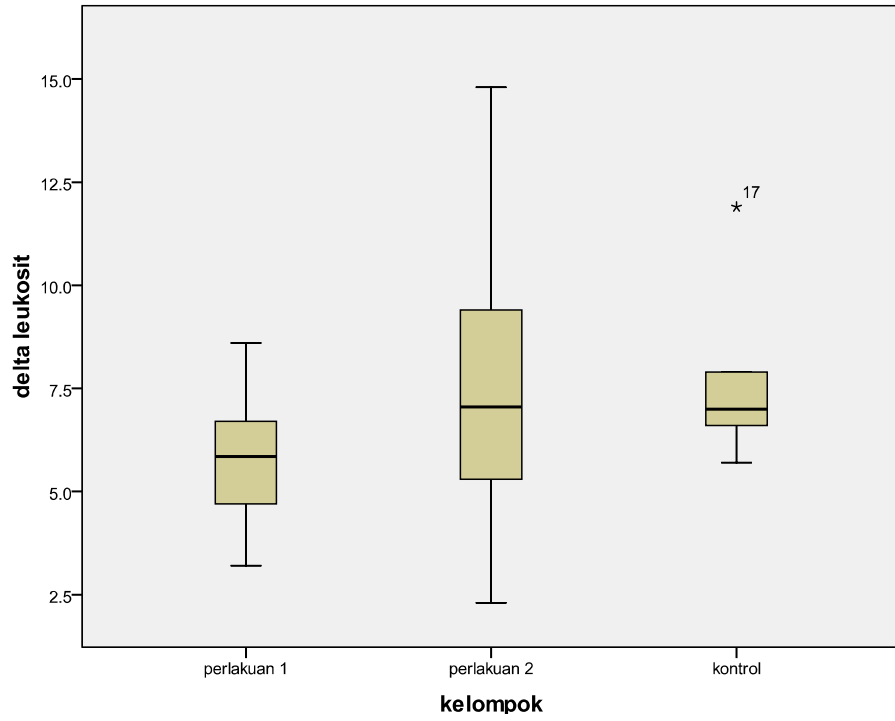
| | | |
|---------------------|-------|-------|
| Range | 213 | |
| Interquartile Range | 157 | |
| Skewness | -.507 | .913 |
| Kurtosis | -.564 | 2.000 |

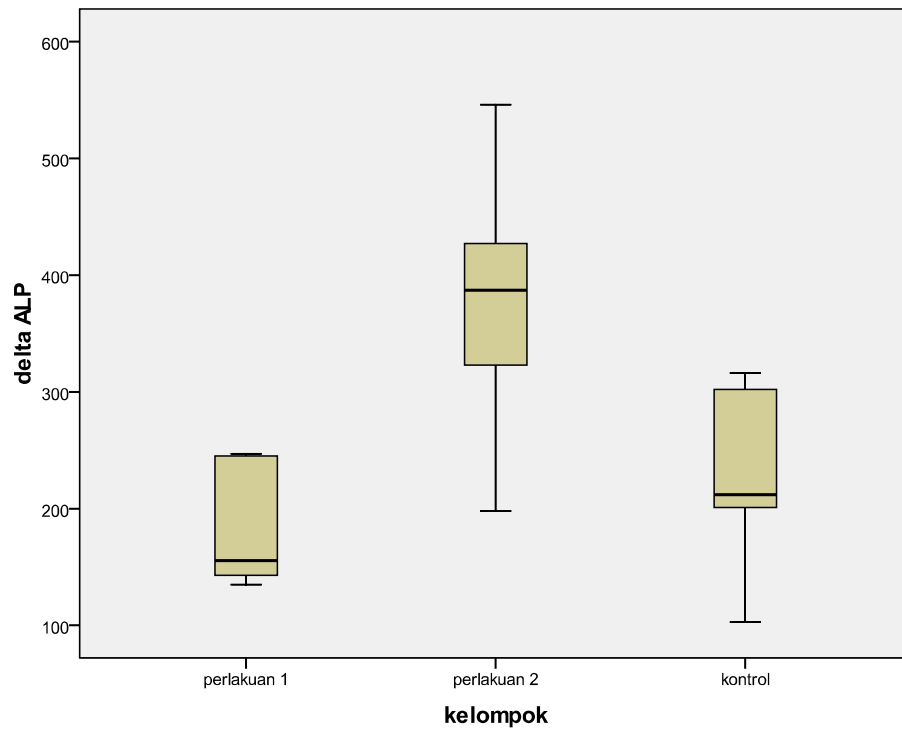
Tests of Normality

| kelompok | | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|-----------------|-------------|---------------------------------|----|-------|--------------|----|------|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| delta leukosit | perlakuan 1 | .149 | 6 | .200* | .994 | 6 | .997 |
| | perlakuan 2 | .173 | 6 | .200* | .962 | 6 | .832 |
| | Control | .287 | 5 | .200* | .844 | 5 | .175 |
| delta neutrofil | perlakuan 1 | .272 | 6 | .189 | .898 | 6 | .364 |
| | perlakuan 2 | .250 | 6 | .200* | .950 | 6 | .743 |
| | Control | .218 | 5 | .200* | .935 | 5 | .634 |
| delta ALP | perlakuan 1 | .311 | 6 | .071 | .772 | 6 | .033 |
| | perlakuan 2 | .194 | 6 | .200* | .968 | 6 | .876 |
| | Control | .208 | 5 | .200* | .923 | 5 | .552 |

a. Lilliefors Significance Correction

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





PAIRED SAMPLE T TEST KELOMPOK PERLAKUAN 1 (STATIN 1)

Paired Samples Statistics

| | Mean | N | Std. Deviation | Std. Error Mean |
|----------------------------------|--------|---|----------------|-----------------|
| Pair 1 jumlah leukosit pre test | 4.117 | 6 | 1.6975 | .6930 |
| jumlah leukosit post test | 9.933 | 6 | .6022 | .2459 |
| Pair 2 jumlah neutrofil pre test | 2.983 | 6 | 1.1374 | .4643 |
| jumlah neutrofil post test | 7.167 | 6 | .7941 | .3242 |
| Pair 3 kadar ALP pre test | 317.00 | 6 | 94.714 | 38.667 |
| kadar ALP post test | 497.17 | 6 | 82.829 | 33.815 |

Paired Samples Correlations

| | N | Correlation | Sig. |
|---|---|-------------|------|
| Pair 1 jumlah leukosit pre test & jumlah leukosit post test | 6 | -.063 | .905 |
| Pair 2 jumlah neutrofil pre test & jumlah neutrofil post test | 6 | .699 | .122 |
| Pair 3 kadar ALP pre test & kadar ALP post test | 6 | .839 | .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 | jumlah leukosit pre test - jumlah leukosit post test | -5.8167 | 1.8368 | .7499 | -7.7442 | -3.8891 | -7.757 | 5 | .001 |
| Pair 2 | jumlah neutrofil pre test - jumlah neutrofil post test | -4.1833 | .8134 | .3321 | -5.0370 | -3.3297 | -12.597 | 5 | .000 |
| Pair 3 | kadar ALP pre test - kadar ALP post test | -180.167 | 51.708 | 21.110 | -234.431 | -125.902 | -8.535 | 5 | .000 |

PAIRED SAMPLE T TEST KELOMPOK PERLAKUAN 2 (STATIN 2)

Paired Samples Statistics

| | | Mean | N | Std. Deviation | Std. Error Mean |
|--------|---------------------------|--------|---|----------------|-----------------|
| Pair 1 | jumlah leukosit pre test | 3.533 | 6 | .9004 | .3676 |
| | jumlah leukosit post test | 11.183 | 6 | 4.4915 | 1.8337 |

| | | | | | |
|--------|----------------------------|--------|---|---------|--------|
| Pair 2 | jumlah neutrofil pre test | 2.567 | 6 | .6218 | .2539 |
| | jumlah neutrofil post test | 7.917 | 6 | 3.6213 | 1.4784 |
| Pair 3 | kadar ALP pre test | 424.33 | 6 | 138.696 | 56.623 |
| | kadar ALP post test | 802.33 | 6 | 185.198 | 75.607 |

Paired Samples Correlations

| | N | Correlation | Sig. |
|---|---|-------------|------|
| Pair 1 jumlah leukosit pre test & jumlah leukosit post test | 6 | .378 | .461 |
| Pair 2 jumlah neutrofil pre test & jumlah neutrofil post test | 6 | .188 | .722 |
| Pair 3 kadar ALP pre test & kadar ALP post test | 6 | .784 | .065 |

Paired Samples Test

| | | Paired Differences | | | | | t | Df | Sig. (2-tailed) |
|--------|---|--------------------|----------------|-----------------|---|----------|--------|----|-----------------|
| | | | | | 95% Confidence Interval of the Difference | | | | |
| | | Mean | Std. Deviation | Std. Error Mean | Lower | Upper | | | |
| Pair 1 | jumlah leukosit pre test - jumlah leukosit post test | -7.6500 | 4.2345 | 1.7287 | -12.0938 | -3.2062 | -4.425 | 5 | .007 |
| Pair 2 | jumlah neutrofil pre test - jumlah neutrofil post test | -5.3500 | 3.5574 | 1.4523 | -9.0832 | -1.6168 | -3.684 | 5 | .014 |
| Pair 3 | kadar ALP pre test - kadar ALP post test | -378.000 | 115.077 | 46.980 | -498.766 | -257.234 | -8.046 | 5 | .000 |

PAIRED SAMPLE T TEST KELOMPOK KONTROL

Paired Samples Statistics

| | Mean | N | Std. Deviation | Std. Error Mean |
|----------------------------------|--------|---|----------------|-----------------|
| Pair 1 jumlah leukosit pre test | 4.700 | 5 | 1.4816 | .6626 |
| jumlah leukosit post test | 12.520 | 5 | 3.2268 | 1.4431 |
| Pair 2 jumlah neutrofil pre test | 3.440 | 5 | 1.0831 | .4844 |
| jumlah neutrofil post test | 9.780 | 5 | 3.3507 | 1.4985 |
| Pair 3 kadar ALP pre test | 197.60 | 5 | 42.881 | 19.177 |
| kadar ALP post test | 424.40 | 5 | 71.556 | 32.001 |

Paired Samples Correlations

| | N | Correlation | Sig. |
|---|---|-------------|------|
| Pair 1 jumlah leukosit pre test & jumlah leukosit post test | 5 | .709 | .180 |
| Pair 2 jumlah neutrofil pre test & jumlah neutrofil post test | 5 | .698 | .190 |
| Pair 3 kadar ALP pre test & kadar ALP post test | 5 | -.081 | .897 |

Paired Samples Test

| | | Paired Differences | | | | | t | df | Sig. (2-tailed) |
|--------|---|--------------------|----------------|-----------------|---|----------|--------|----|-----------------|
| | | | | | 95% Confidence Interval of the Difference | | | | |
| | | Mean | Std. Deviation | Std. Error Mean | Lower | Upper | | | |
| Pair 1 | jumlah leukosit pre test - jumlah leukosit post test | -7.8200 | 2.4139 | 1.0795 | -10.8173 | -4.8227 | -7.244 | 4 | .002 |
| Pair 2 | jumlah neutrofil pre test - jumlah neutrofil post test | -6.3400 | 2.7080 | 1.2110 | -9.7024 | -2.9776 | -5.235 | 4 | .006 |
| Pair 3 | kadar ALP pre test - kadar ALP post test | -226.800 | 86.346 | 38.615 | -334.013 | -119.587 | -5.873 | 4 | .004 |

NPar Tests
Kruskal-Wallis Test

Ranks

| | Kelompok | N | Mean Rank |
|------|------------|----|-----------|
| dALP | perlakuan1 | 6 | 5.50 |
| | perlakuan2 | 6 | 13.50 |
| | Control | 5 | 7.80 |
| | Total | 17 | |

Test Statistics^{a,b}

| | dALP |
|-------------|-------|
| Chi-Square | 7.929 |
| Df | 2 |
| Asymp. Sig. | .019 |

a. Kruskal Wallis Test

b. Grouping Variable:

Kelompok

Mann-Whitney Test

Ranks

| | Kelompok | N | Mean Rank | Sum of Ranks |
|------|------------|----|-----------|--------------|
| dALP | perlakuan1 | 6 | 3.83 | 23.00 |
| | perlakuan2 | 6 | 9.17 | 55.00 |
| | Total | 12 | | |

Test Statistics^b

| | dALP |
|------------------------|--------|
| Mann-Whitney U | 2.000 |
| Wilcoxon W | 23.000 |
| Z | -2.562 |
| Asymp. Sig. (2-tailed) | .010 |

| | |
|--------------------------------|-------------------|
| Exact Sig. [2*(1-tailed Sig.)] | .009 ^a |
|--------------------------------|-------------------|

a. Not corrected for ties.

b. Grouping Variable: Kelompok

Mann-Whitney Test

| Ranks | | | |
|-----------------|----|-----------|--------------|
| Kelompok | N | Mean Rank | Sum of Ranks |
| dALP perlakuan1 | 6 | 5.17 | 31.00 |
| kontrol | 5 | 7.00 | 35.00 |
| Total | 11 | | |

Test Statistics^b

| | dALP |
|--------------------------------|-------------------|
| Mann-Whitney U | 10.000 |
| Wilcoxon W | 31.000 |
| Z | -.913 |
| Asymp. Sig. (2-tailed) | .361 |
| Exact Sig. [2*(1-tailed Sig.)] | .429 ^a |

a. Not corrected for ties.

b. Grouping Variable: Kelompok

Mann-Whitney Test

| Ranks | | | |
|-----------------|----|-----------|--------------|
| Kelompok | N | Mean Rank | Sum of Ranks |
| dALP perlakuan2 | 6 | 7.83 | 47.00 |
| kontrol | 5 | 3.80 | 19.00 |
| Total | 11 | | |

Test Statistics^b

| | dALP |
|--------------------------------|-------------------|
| Mann-Whitney U | 4.000 |
| Wilcoxon W | 19.000 |
| Z | -2.008 |
| Asymp. Sig. (2-tailed) | .045 |
| Exact Sig. [2*(1-tailed Sig.)] | .052 ^a |

a. Not corrected for ties.

b. Grouping Variable: Kelompok

Lampiran 2.

Surat Keterangan Penggunaan Laboratorium



KEMENTERIAN PENDIDIKAN NASIONAL
UNIVERSITAS BRAWIJAYA
FAKULTAS MIPA JURUSAN BIOLOGI

Jl. Mayjen Haryono 169, Malang 65145, Telp. (0341) 575840, 575841 Fax. (0341) 575841

SURAT KETERANGAN

Nomor : 327/UN10.9.1/AK/2011.

Yang bertanda tangan dibawah ini Ketua Jurusan Biologi FMIPA Universitas Brawijaya Malang, menerangkan bahwa mahasiswa berikut :

| | |
|----------|--|
| Nama | : Setia Rahardja |
| Instansi | : Program Pascasarjana Ilmu Biomedik Universitas Diponegoro Semarang. |

Telah melakukan Penelitian di Laboratorium Fisiologi Hewan Jurusan Biologi Fakultas MIPA Universitas Brawijaya Malang, mulai bulan Mei – Juni 2011. Yang bersangkutan dinyatakan bebas tanggungan administrasi pada Laboratorium tersebut.

Demikian, surat keterangan ini dibuat untuk dapat dipergunakan sebagaimana mestinya.

Malang, 30 Juni 2011
Ketua Jurusan



Widodo, S.Si.MSi.PhD.Med.Sc
NIP. 19730811-200003-1-002

Lampiran 3.

Ethical Clearance

| | | |
|---|---|---|
|  | KOMISI ETIK PENELITIAN KESEHATAN (KEPK) FAKULTAS KEDOKTERAN UNIVERSITAS DIPONEGORO DAN RSUP dr KARIADI SEMARANG Sekretariat : Kantor Dekanat FK Undip Lt.3 Jl. Dr. Soelomo 18, Semarang Telp.024-8311523/Fax. 024-8446905 |  |
|---|---|---|

ETHICAL CLEARANCE
No.059/EC/FK/RSDK/2011

Komisi Etik Penelitian Kesehatan Fakultas Kedokteran Universitas Diponegoro/ RSUP Dr. Kariadi Semarang, setelah membaca dan menelaah Usulan Penelitian dengan judul :

**EFEK STATIN DAN JUS NONI TERHADAP MARKER INFLAMASI
PADA TIKUS WISTAR YANG TERPAPAR ASAP ROKOK**

Peneliti Utama : Dr.dr. Andrew Johan, M.Si

Anggota Peneliti : 1. Setia Rahardja Komala
2. Rizana Fajrunnimah

Penelitian : Dilaksanakan di Laboratorium Fakultas MIPA UNIBRAW Malang.

Setuju untuk dilaksanakan, dengan memperhatikan prinsip-prinsip yang dinyatakan dalam Deklarasi Helsinki 1975, dan Pedoman Nasional Etik Penelitian Kesehatan (PNEPK) Departemen Kesehatan RI 2004

Pada laporan akhir peneliti harus melampirkan cara pemeliharaan & dekapitasi hewan coba.

Semarang, 27 April 2011

| | |
|---|---|
|  Fakultas Kedokteran Undip Dekan dr. Endang Ambarwati, Sp.RM NIP. 19560806 198503 2 001 |  Komisi Etik Penelitian Kesehatan Fakultas Kedokteran Undip/RS. Dr. Kariadi Ketua Prof. Dr.dr. Tjahjono, Sp PA(K),FIAC NIP.19450514 1973081 001 |
|---|---|