

KHASIAT KOMBINASI PERASAN DAUN MURBEI (*Morus Indica Auct. Non L*) DAN HERBA SELEDRI (*Apium Graveolens L.*) TERHADAP KADAR KOLESTEROL TOTAL PADA *RATTUS NORWEGICUS* DISLIPIDEMIA

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ABSTRAK

Telah dilakukan penelitian terhadap khasiat kombinasi perasan daun murbei (*Morus Indica Auc. non L.*) 3g/100 g BB/hari dan herba seledri (*Apium graveolens L.*) 5 g/200 g BB secara peroral terhadap kadar kolesterol darah tikus putih jantan (*Rattus norwegicus*). Parameter uji yang diamati adalah kadar kolesterol total darah. Analisa statistik yang digunakan adalah uji *t-test bebas (t-test: Two-Sample Assuming Equal Variances)*, untuk mengetahui signifikansi perbedaan efek karena faktor perlakuan dengan membandingkan penurunan kadar kolestrol kelompok uji dan kelompok kontrol, dimana pengaruh penurunan kadar kolestrol total darah tikus putih yang diberi perasan kombinasi daun murbei (*Morus Indica Auc. non L.*) dan herba seledri (*Apium graveolens L.*) lebih besar terhadap penurunan kadar kolestrol total darah tikus putih jantan diberikan air suling. Dengan demikian dapat disimpulkan bahwa perasan daun murbei (*Morus Indica Auc. non L.*) 3g/100 g BB/hari dan herba seledri (*Apium graveolens L.*) 5 g/200 g BB dapat menurunkan kadar kolesterol total pada tikus putih jantan (*Rattus norwegicus*).

Kata Kunci: Daun murbei, herba seledri, antihiperkolesterolemia, tikus putih jantan

EFFICACY OF COMBINATION MULBERRY LEAVES JUICE (*Morus indica* Auct. non L.) AND CELERY HERB (*Apium Graveolens* L.) ON TOTAL CHOLESTEROL LEVEL TO *Rattus Norwegicus*

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ABSTRACT

It has been conducted a research to the efficacy of combination mulberry leaves juice (*morus indica auct. non l.*) 3g/100 g weight/day + celery herba 5g/200 weight perorally to blood kholesterol level to white mouse(*Rattus norwegicus*). The tested parameter is blood total cholesterol level. This research uses free t-test as Statistical analysis, to measure the significant of effect differences because of treatment factor by comparing the decrease of tested group cholesterol level and controlled group, where the effect of the decrease of blood total cholesterol of the white mouse which is given with mulberry leaves combination(*Morus Indica Auct. Non L*) and celery herba (*Apium Graveolens L.*) is bigger than the decrease of total blood level of male white mouse which is given with refined water. Thus, it can be concluded that the squeezed berry leaves combination 3g/100 g weight /day and celery herba 5g/200 weight can reduce total cholesterol level of the male white mouse(*Rattus norwegicus*).

Key words: mulberry leaf, celery herb, white mouse, antihypercholesterolemia