

Pengaruh Ekstrak eter bawang prei (*Allium porrum* Linn) terhadap kadar glukosa, triasilgliserol dan kolesterol plasma darah tikus yang diberi diet sukrosa :

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Abstrak

Pengaruh ekstrak eter bawang prei (*Allium porrum* Linn) terhadap kadar glukosa, triasilgliserol dan kolesterol darah tikus yang diberi diet sukrosa telah diteliti.

Pemberian sukrosa pada tikus dengan dosis 10 gr/kg berat badan/hari selama 60 hari meningkatkan kadar trigliserida dan kolesterol darah tikus secara bermakna.

Pemberian ekstrak eter bawang prei (*Allium porrum* Linn) dengan dosis yang setara dengan 10 gr bawang prei/kg berat badan/hari pada tikus yang diberi diet sukrosa selama 60 hari dapat menurunkan kadar trigliserida dan kolesterol darah. Hal tersebut.

- Disimpulkan, bahwa bahan aktif dari bawang prei larut dalam eter.

.....The influences of ether extract of Leek (*Allium porrum* Linn) on the glucoses, triacylglycerol and cholesterol blood levels of the albino rats have been studied.

Rats, fed with sucrose at the dose equivalent to 10 gr per kilogram body weight/day for a period of 60 days increased their triacylglycerol and cholesterol plasma blood level significantly.

Administration of the leek extract at the dose of equivalent to 10 gr/kg body weight/day on the rats, fed with sucrose for a period of 60 days reduced the triacylglycerol and cholesterol blood levels significantly.

It is concluded that leek contains active substances which is soluble in ether.