

## Blood description of several reptilian species, order Squamata

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**Judul Skripsi** : Gambaran darah pada beberapa spesies reptil ordo Squamata  
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### Abstrak:

Penelitian ini bertujuan untuk melihat gambaran darah pada hewan reptil yang ditangkap dari alam bebas. Penelitian dilakukan dari bulan Oktober 2002 sampai Januari 2003. Sampel yang digunakan terdiri atas lima spesies, yaitu biawak (*Varanus salvator*), bunglon (*Calotes cristatellus*), kadal kebun (*Mabouya multifasciata*), taki (*Takydroma sexlineatus*) dan tokek (*Gecko gecko*). Pengambilan darah dilakukan dengan teknik kardisentesis kecuali biawak dari ekor. Darah dianalisis untuk lima pemeriksaan, yaitu analisis hemoglobin (Hb), nilai hematokrit (PVC), penghitungan sel darah merah, penghitungan sel darah putih dan diferensiasi sel darah putih. Dari semua reptil yang dianalisis diperoleh nilai Hb 6-11.4 g%, nilai PVC 23-40%, jumlah butir darah merah 360000-5150000 butir/ml dan butir darah putih 12840-401150 butir/ml.

### Abstract:

This research aims to see blood description of reptiles captured from nature. The research took place in Laboratory of Zoology, Faculty of Mathematics and Natural Sciences, Bogor Agricultural University, and conducted from October 2002 until January 2003. Five species were used, which are monitor lizard (*Varanus salvator*), malayan chameleon (*Calotes cristatellus*), garden lizard (*Mabouya multifasciata*), six-lined longtailed lizard (*Takydroma sexlineatus*) and toke (*Gecko gecko*). Blood samples were taken by cardiocentesis technique, except for monitor lizard, it was drained from tail. The samples were used for five measurements, whis are haemoglobin content (Hb), packed cell volume (PVC), erythrocyte count, leococyte count and differetial leucocyte count. All of reptiles that capture were found Hb contents 6-11.4 g%, PVC value 23-40%, erythrocyte count 360000-5150000 cell/ml and leucocyte count 12840-401150 cell/ml.

[ Skripsi Lengkap - fulltext ]