

PERBEDAAN KADAR ASAM URAT YANG DIPERIKSA SEGERA DAN TUNDA 4 HARI

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ABSTRAK

Asam urat salah satu hasil akhir metabolisme dari purin yaitu salah satu komponen asam nukleat yang terdapat didalam inti sel tubuh. Pemeriksaan asam urat yang mengalami denaturasi penurunan akibat adanya penundaan kadar yang disebabkan oleh aktivitas enzim pada serum. Tujuan penelitian ini adalah untuk menganalisa kadar asam urat periksa segera dan tunda 4 hari. Jenis penelitian ini adalah eksperimen dengan populasi penelitian karyawan Laboratorium Mitra Perdana Multimedika. Sampel diambil sebanyak 16 karyawan dengan perlakuan serum periksa segera dan tunda 4 hari. Metode pemeriksaan asam urat menggunakan Enzimatis (uricase). Data dianalisa menggunakan uji *Saphiro Wilk* hasil uji kenormalan didapat nilai $p= 0,141$ dan uji beda yang digunakan *Paired Sampel T Test* Hasil uji beda didapat nilai $p= 0,000$ yang artinya $p\text{-value} < 0,05$ berarti ada perbedaan kadar asam urat yang diperiksa segera dan tunda 4 hari. Relat dari dari kadar asam urta segera adalah 5,58 mg/dl dan relata 4 hari 4,80 mg/dl.

Kata Kunci : suhu, waktu, kadar asam urat.

DIFFERENT LEVELS ARE INSPECTED URIC ACID IMMEDIATELY AND POSTPONE 4 DAYS

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ABSTRACT

Uric acid is one of the final results of purine metabolism that is one of the components of nucleic acids contained in the nucleus of cells of the body. Examination of uric acid denaturation experiencing a decline due to postpones caused by the level of enzyme activity in serum. The purpose of this study was to analyze the weeks to immediately check the levels of uric acid and 4 days postpone. This research is an experimental laboratory study population Mitra Perdana Multimedika laboratory employees. Samples were taken as many as 16 laboratory employees to check the serum treatment immediately and postpone four days. Inspection methods using Enzymatic uric acid (uricase). Data were analyzed using Shapiro Wilk test of normality test results obtained value of $p = 0.141$ and used different test Paired Sample T-Test different test results obtained value of $p = 0.000$, which means $p\text{-value} < 0,05$ means that there are differences in uric acid levels were checked in immediately and postpone four days. Relat from the levels immediately urta acid is 5.58 mg/dl and relata 4 days 4.80 mg/dl.

Keywords : temperature, time, levels of uric acid.