

The Difference of Positive Urine Protein and Specific Weight Examination Result Directly and 2 Hours Delay

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ABSTRACT

Testing with a delay of 2 hours is very influential on the results of a positive urine protein and specific weight of the urine. The aim of this study was to analyze the differences in the directly test and 2 hours delayed of positive urine protein and specific weight of the urine tests. The procedure used in this study was 20% sulfosalicylic acid in urine and urinometer protein in urine specific weight. The research was performed in positive urine samples on the patients were at Roemani Muhammadiyah Hospital in Semarang. Positive urine specimens, when the corresponding examinations of urine protein and specific weight urine were directly examined and delayed 2 hours. Examination of urine protein and specific urine weight also called macroscopic examination, where the principle is the result of the study of the urine protein specific weight of the urine, reading by a look at the color, opacity, urine volume up to 16 samples were examined directly and 16 samples were delayed 2 hours. The difference results of urine protein test result positive and urine weight on positive urine examined directly and 2 hours delay with 20% Sulfosalicylic acid method on urine protein and urinometer on urine type weight showed that in statistical test using independent t test at all Type urine protein and urine-density are examined directly and delay 2 hours has a very significant change of $p > 0.05$, this means the longer the delay of urine protein examination and the urine type of weight the more increasing the yield on protein and specific weight. The results of this study is delayed examination is very influential on the results of examination of urine protein and specific weight of urine by direct examination and examination done better when urine cleaned.

Key Words : Positive Urine Protein, Urine Specific Weight , Directly, 2 Hours Delay