

Analisis 8 iso prostaglandin f2a dan hubungannya dengan estimasi laju filtrasi glomerulus pada pasien diabetes melitus tipe 2 wanita = Analysis of 8 iso prostaglandin f2a and its correlation with estimated glomerular filtration rate in type 2 diabetes mellitus woman patients / Siti Lathifah Noor Amir

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Abstrak

2 diabetes mellitus woman patients at Pasar Minggu Local Government Clinic that collected by previous researcher last year in total sampling . eGFR was obtained based on the measurement of serum creatinine, 8-iso-Prostaglandin F₂; was measured by ELISA (Enzyme Linked Immunosorbent Assay) method. Concentration of 8-iso-Prostaglandin F₂; was $7069,38 \pm 7611,13$ pg/mg creatinine and the eGFR values $93,15 \pm 37,65$ (Cockcroft-Gault); $89,47 \pm 34,30$ (MDRD study); and $87,05 \pm 24,69$ (CKD-EPI). The correlation between 8-iso-Prostaglandin F₂; concentration and eGFR (92 samples) is based on Cockcroft-Gault ($r = 0,396$; $p = < 0,001$), MDRD ($r = 0,375$; $p = < 0,001$) and CKD-EPI ($r = 0,342$; $p = 0,001$). So there was a significant correlation between 8-iso-Prostaglandin F₂; concentration and eGFR.]