

# Lab Investigations for Different Types of Hypertension

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## Abstract

Kidney disease and kidney failure (end-stage renal disease) is a leading cause of High blood pressure (hypertension). The Renal Function Tests including Serum Urea and Creatinine level, GFR, UACR are very helpful to diagnosis such condition. Urine Analysis is also an inexpensive test being performed to access the kidney functions. "High Blood Pressure Like a vicious cycle, hypertension is both a cause for chronic kidney disease (CKD) and a result of CKD"

Diabetes is the number one cause of end-stage kidney disease (ESKD). ESKD is when the kidneys are not able to work well enough to maintain day-to-day life. In both type 1 and type 2 diabetes, small amounts of protein may appear in the urine.

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## Biography

Sami ur Rehman has completed his graduation in Medical Lab Sciences from Federal Postgraduate Medical Institute, Shaikh Zayed Hospital, Lahore, Pakistan. He completed M.Phil in Biochemistry and Molecular Biology and currently doing PhD research work in the same discipline from University of Gujrat. He has got several professional

trainings in Lab Quality Management. He is WHO certified He served as Quality Management Officer at well reputed organisations like Shalamar Teaching Hospital Laboratories, Chughti Lab, Mega test lab and Gove KKS Teaching Hospital Lahore. He is currently serving as Head of Pathology Department and IPC officer at Primary and Secondary Healthcare Department, Punjab Pakistan. He is also Master trainer of IPC and Quality Management Programms.