

DEPARTMENT OF BIOCHEMISTRY

Test	Rate	Test	Rate
Blood			
Plasma Glucose Fasting/ Random 2hrs after 75g Glucose/ Breakfast		HbA _{1c}	
GTT with CUS (sample 1; Sample 2; Sample 3)			
LIVER FUNCTION TEST			
S. Bilirubin (T)		S. Total Protein	
S. Bilirubin (D)		S. Albumin	
S. ALT (SGPT)		γ GT	
S. AST (SGOT)		S. Alb/Glob Ratio	
S. Alk. Phos.			
LIPID PROFILE			
S. Lipid Profile		S. HDL	
S. Cholestrol		S. Triglyceride (TG)	
CARDIAC MARKER			
S. CK		S. LDH	
S. CK (MB)		Troponin-I	
KIDNEY FUNCTION TEST			
S. Electrolytes		S. Inorganic Phos.	
S. Urea/BUN		S. Uric acid.	
S. Creatinine		S. Calcium	
BIOCHEMICAL PROFILE OF ANAEMIA			
S. Iron		Vita B12	
S. Iron Binding Capacity (TIBC)		Folic Acid	
S. Ferritin			
URINE			
Albumin (Micro)		24 hrs Urine Calcium	
ACR		24 hrs Urine Phosphate	
Spot Urinary protein		24 hrs Urine Uric acid	
Protein creatinine ratio		24 hrs Urine Sodium	
Creatinine clearance (CCr)		24 hrs Urine Potassium	
24 hrs UTP		Osmotarily: Plasma/ Urinary	
TRACE ELEMENTS			
Urine/ Serum; Arsenic/ Lead		Urine/ Serum; Magnesium	
Urine/ Serum; Copper		Urine/ Serum;/ Zinc	
Urine; Iodine			
TUMOR MARKERS			
Alpha (α) FP		CA-19-9	
Total PSA		CA 125	
Free PSA		CA 15-3	
CEA			
OTHERS			
Insuline/ IR Index		Lipase	
Homocystein		S. Aldolase	
Anti CCP		Glucose	
S. Acid Phos.		Protein	
S. Amylase			

AxSYM SYSTEM			
S. TSH		S. Total T4 (T4)	
S. Free T ₃ (FT ₃)		Thyroid Antibodies	
S. Free T4 (FT ₄)		Anti Thyroglobulin Ab	
S. Total T ₃ (T ₃)		Anti TPO Ab	
REPRODUCTIVE/ ENDOCRINOLOGY			
Prolactin		Estradiol/ Estrogen	
Total b-hCG		Progesterone	
FSH		Testosterone	
LH		Growth Hormone	
Cortisol		Parathyroid Homone	
THERAPUTIC DRUGS			
Gentamicin		Veloporic Acid	
Carbamazepine		Methotrixate	
Phenobarbital			
DRUGS OF ABUSE/ TOX			
Opiates		Cocaine	
Cannabinoids		Benzodiazepine	
Alcohol		Barbiturnte	
Amphetamine		Phencyclidine (PCD)	