

NephroTech

Nephrology Services

HITECH
DIAGNOSTIC CENTRE

No.1, Millers Road,
Kilpauk, Chennai- 600 010



Central Lab

Routine Lab, Higher Chemistry & Research

F3,3rd Floor, Shivashankar Plaza, Lalbagh Road,
Richmond Circle junction, Bangalore - 560 027
Cell : 098863 97972. Phone : 080 22237370 / 22125186

PLA -A2 Abs	Sample	Method	Schedule	MRP
	Serum	ELISA , Quantitative	3 Days	Rs.4500

- Anti PLA -A2 abs are directed against the Antigen – M Type Phospholipase A 2 Receptor in PODOCYTES 70-80 % of Patients with Primary MGN
- In Light Microscopy seen as Glomerular wall thickening ,IgG and C3 positive in IFA
- Diagnostic – positive only in Primary MGN and Negative in Secondary MGN
- Prognostic,High levels indicate unfavourable outcome and early progression to CKD
- Spontaneous remission in patients with low titres
- Useful in post transplant – High Titres indicate a possibility of Relapse
- It is now “Standard of Care”

HCV RNA by RT PCR	Sample	Method	Schedule	MRP
	EDTA Plasma	RT-PCR - Qualitative	3 Days	Rs.3900
	EDTA Plasma	RT-PCR - Viral Load	4 Days	Rs.4000

- Done by CAP-CTM Fully Automated PCR, Roche, Germany.
- High Specificity and sensitivity
- Lowest Limit of Detection (LOD) in the Industry 15 IU/ml

TACROLIMUS	Sample	Method	Schedule	MRP
	EDTA Blood	CMIA	3-4 Days	Rs.3600

- Correlates well with LC-MS Assay
- Tight Internal and External QC.

TACROLIMUS GENOTYPING - CYP3A5	Sample	Method	Schedule	MRP
	EDTA Blood	RT -PCR	10 Days	Rs.5000

- CYP3A5 - AAS/AG Carriers need higher dose of Tacrolimus than CYP3A5GG Homozygotes.

ANA (Anti Nuclear Ab)	Sample	Method	Schedule	MRP
	Serum	IIFT	2-3 Days	Rs. 1000

ANA is performed by IIFT using Hep2 cells and Primate liver. Hitech has developed a AI(Artificial intelligence) based analysis of ANA patterns, the ANA patterns are reported as per the ICAP (Consensus International Classification of ANA pattern Reporting)

ds DNA Crithidia lucilae	Sample	Method	Schedule	MRP
	Serum	IIFT	4 Days	Rs. 800
ds DNA Ncx	Serum	ELISA	3 Days	Rs. 800

p - ANCA	Sample	Method	Schedule	MRP
	Serum	IFA	4 Days	Rs. 1000
c - ANCA	Serum	IFA	4 Days	Rs. 1000

Anti GBM Panel Anti GBMAbs, PR3, MPO	Sample	Method	Schedule	MRP
	Serum	Immuno Blot	3 Days	Rs.1500

- Targeted Against the type IV Collagen of the basement membrane Lamina densa.
- Differentiates between Anti GBM, Wegener's Granulomatosis and other Vasculitis.
- External QC with Euro Immune, Germany.

CMV- Viral Load	Sample	Method	Schedule	MRP
	EDTA Blood / CSF	RT-PCR	4 Days	Rs.7000

- Done by CAP-CTM Fully Automated PCR, Roche, Germany.
- High Specificity and sensitivity
- Lowest Limit of Detection (LOD) in the Industry 150 copies / ml

BKV- Viral Load	Sample	Method	Schedule	MRP
	EDTA Blood / Urine	RT-PCR	4 Days	Rs.5000

- Done by TAQMAN RT-PCR on ROCHE Z 480
- High Specificity and sensitivity
- Lowest Limit of Detection (LOD) in the Industry 150 copies / ml

Renal Calculi ANALYSIS	Sample	Method	Schedule	MRP
	RENAL STONE	FTIR	7 Days	Rs.1250

CYSTATIN C	Sample	Method	Schedule	MRP
	Serum	PETIA Particle Enhanced Turbidimetric Immuno Assay	2 Days	Rs.1250