

NEUROLOGY



Neurology Test Basket

Thrombotic Events				
Test Name	Method	Specimen	TAT	Price
Homocysteine	CLIA	Serum/fasting	1 Day	1000
Beta 2 Glycoprotein IgG	ELISA	Serum	1 Day	750
Beta 2 Glycoprotein IgM	ELISA	Serum	1 Day	750
Anti Cardiolipin (ACA) IgG antibodies	CLIA	Serum	1 Day	450
Anti Cardiolipin (ACA) IgM antibodies	CLIA	Serum	1 Day	450
PNH by FLAER	Flow Cytometry	EDTA/Serum	1 Day	4000
Antithrombin III	Nephelometry	Citrated plasma	1 Day	1200
Fibrinogen	Clot Based	Citrated plasma	1 Day	600
Protein C	Chromogenic	Citrated plasma	1 Day	3000
Free protein S antigen	Immuno Assay	Citrated plasma	1 Day	3000
Lupus anticoagulant	Clot Based	Citrated plasma	1 Day	1300
PCR MTHFR (C677T, A1298C) mutation detection	Real time PCR	EDTA whole blood + Clinical history	3 Days	4000
PCR Prothrombine mutation (G20210A)	Real time PCR	EDTA whole blood + Clinical history	3 Days	3000
PCR factor V Leiden mutation (G1691A) detection	Real time PCR	EDTA whole blood	3 Days	3000

Genetic Disorders & Ataxia

Test Name	Method	Specimen	TAT	Price
Spinal cerebral ataxia type 1 (SCA 1)	PCR fragment analysis	EDTA whole blood + Clinical history	1 week	4000
Spinal cerebral ataxia type 12 (SCA 12)	PCR fragment analysis	EDTA whole blood + Clinical history	1 week	4000
Spinal cerebral ataxia type 2 (SCA 2)	PCR fragment analysis	EDTA whole blood + Clinical history	1 week	4000
Spinal cerebral ataxia type 3 (SCA 3)	PCR fragment analysis	EDTA whole blood + Clinical history	1 week	4000
Spinal cerebral ataxia type 6 (SCA 6)	PCR fragment analysis	EDTA whole blood + Clinical history	1 week	4000
Spinal cerebral ataxia type 7 (SCA 7)	PCR fragment analysis	EDTA whole blood + Clinical history	1 week	4000
Spinal cerebral ataxia type 10 (SCA 10)	PCR fragment analysis	EDTA whole blood + Clinical history	1 week	4000
Spinal cerebral ataxia type 17 (SCA 17)	PCR fragment analysis	EDTA whole blood + Clinical history	1 week	4000
Fragile x chromosome analysis	PCR	EDTA whole blood + Clinical history	1 week	5000
Huntington disease molecular analysis	PCR fragment analysis	EDTA whole blood + Clinical history	10 days	6000
Prader-Willi syndrome (DEL 15q11/15q24)	FISH	Heparin - whole blood	8 days	5000
SCA panel (SCA 1,2,3,6,7,10,12)	PCR fragment analysis	EDTA whole blood + Clinical history	1 week	14000

Meningitis

Test Name	Method	Specimen	TAT	Price
Pan-neurotropic virus panel (Herpes simplex virus 1&2, Varicella-Zoster virus, Enterovirus, Human Parecho virus, Mumps virus)	Real time PCR	CSF	2 Days	8000
Herpes simplex virus (HSV)1 & 2	Real time PCR	CSF / Serum	3 Days	3500
Cytomegalovirus (CMV) DNA detector (Qualitative)	Real time PCR	EDTA whole blood / Bone marrow / Urine	3 Days	2000
Cytomegalovirus (CMV) DNA detector (Quantitative)	Real time PCR	EDTA whole blood / Bone marrow / Urine	3 Days	5000
Japanese encephalitis virus	Real time PCR	CSF	1 Week	6500
Cryptococcus antigen	Immunochromatography	CSF	1 Day	900

Multiple Sclerosis and Neuromyelitis Optica

Test Name	Method	Specimen	TAT	Price
Oligoclonal bands	Electrophoresis	CSF & Serum	5 Days	5000
Anti-aquaporin-4/ NMO antibodies + Anti Myelin Oligodendrocyte Glycoprotein (MOG) antibody	Immunofluorescence assay	Serum / CSF + Clinical history	4 Days	7000
Anti Myelin Associated Glycoprotein (MAG) antibody	ELISA	Serum	1 Week	5500
CSF IgG	Nephelometry	CSF	1 Day	450
CSF IgG index	Nephelometry + Immunoturbidimetric method	CSF & Serum	1 Day	1000

Guillain-Barré Syndrome

Test Name	Method	Specimen	TAT	Price
Ganglioside antibody	ELISA	Serum	1 Day	7000

Paraneoplastic Syndrome

Test Name	Method	Specimen	TAT	Price
Amphiphysin (Amp), PNMA2/Ta (Ma2/Ta), Ri, Yo, Hu,	Immuno Blot assay	Serum	1 Day	4500

Myasthenia Gravis

Test Name	Method	Specimen	TAT	Price
Acetylcholine receptor autoantibodies	ELISA	Serum	5 Days	3500
Anti Muscle Specific Kinase (MuSK) antibodies	RIA	Serum	7 Days	5500

Muscular Dystrophy

Test Name	Method	Specimen	TAT	Price
Duchenne and Becker muscular dystrophy (79 exons)	PCR	EDTA	14 Days	10000

Glioma

Test Name	Method	Specimen	TAT	Price
IDH 1/2 mutation	PCR Sequencing	EDTA Whole Blood / Bone Marrow + Clinical History	12 Days	8000
DEL 1p19q	FISH	Paraffin Block + Clinical History (Formaline fixation time is mandatory)	7-8 Days	8000
O6-Methylguanine-DNA Methyltransferase (MGMT)	PCR	Paraffin Block	15 Days	8000

Myositis

Test Name	Method	Specimen	TAT	Price
Mi-2β, Ku, PM-Scl100, PM-Scl75, Jo-1, SRP, PL-7, PL-12, EJ, OJ & Ro-52	Immunoblot assay	Serum	1 Day	3200

Therapeutic Drug Monitoring

Test Name	Method	Specimen	TAT*	Price
Phenobarbitone	HPLC	Separated plasma/serum	6 Hours	1200
Carbamazepine & its epoxide	HPLC	Separated plasma/serum	6 Hours	4500
Levetiracetam	HPLC	Separated plasma/serum	6 Hours	4500
Oxcarbamazepine & its monohydroxy metabolite	HPLC	Separated plasma/serum	6 Hours	4500
Lamotrigine	HPLC	Separated plasma/serum	6 Hours	3500

* Once the sample is received to head office lab

Panels for Neurology

Panel	Parameters	Price
Thrombotic events- Arterial	CBC, RBS, Lipid profile, Sickling test, Homocysteine, Fibrinogen, Lupus anticoagulant, Reticulocyte count, PNH by FLAER, Factor VIII, ACA IgG, ACA IgM, B2 Glycoprotein IgG & IgM, Protein C, Free protein S antigen, Antithrombin III, Factor V Leiden mutation, MTHFR mutation, Prothrombine mutation	22000
Thrombotic events- Venous	CBC, Lipid profile, Sickling test, Homocysteine, Lupus anticoagulant, PNH by FLAER, ACA IgG, ACA IgM, B2 Glycoprotein IgG & IgM, Protein C, Free protein S antigen, Antithrombin III, Factor V Leiden mutation, MTHFR mutation, Prothrombine mutation	18000
Thrombotic events- Hereditary	Protein C, Free protein S antigen, Antithrombin III, Factor V Leiden mutation, MTHFR mutation, Prothrombine mutation	17200
Thrombotic events - Acquired	Homocysteine Serum, Fibrinogen, Lupus anticoagulant, PNH by FLAER, Factor VIII, ACA IgG, ACA IgM, B2 Glycoprotein IgG & IgM,	11300
Multiple sclerosis	Albumin (CSF & serum), IgG (CSF & Serum), Oligoclonal band, CSF index	7650
Autoimmune encephalitis	NMDA, AMPA (Glu R1 & Glu R2), GABA B receptor, VGKC (LGI1, CASPR2) by IFA	15000



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