

Vardhman Mahavir Medical College & Safdarjung Hospital	Clinical Biochemistry Unit & Biochemistry Lab, CBU & NEB	
	Document Name	Directory of Services
	Document Number	SJH/BIOCHEM LAB/CBU & NEB/DOS

DIRECTORY OF SERVICES

Sr. No	Name of Test	Methods	Sample Type & Quantity	Instructions	Details of Collection	Sample Rejection Criteria	Any Special Precaution
1	Glucose F	GOD-POD	2 ml blood in fluoride evacuated tube (Grey Capped)	8-10 hrs fasting	Collected for CBU	*Unlabelled or mislabelled *Inappropriate Samples (Wrong Container) *Grossly Hemolyzed *Highly Lipaemic	8-10 hrs fasting
		Hexokinase			Collected for NEB		
2	Glucose PP	GOD-POD	2 ml blood in fluoride evacuated tube (Grey Capped)	2 Hrs after taking Breakfast	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	2 Hrs after taking Breakfast
		Hexokinase					
3	Glucose R	GOD-POD	2 ml blood in fluoride evacuated tube (Grey Capped)	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
		Hexokinase			Collected for NEB		
4	OGTT	GOD-POD	2 ml blood in fluoride evacuated tube (Grey Capped)	2 hrs after taking 75 gms glucose	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	2 hrs after taking 75 gms glucose
		Hexokinase					
5	Urea	Urease UV/GLDH	2 ml blood in plain (red capped)/gel (yellow)	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong	Random sample

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			capped) evacuated tube		Collected for NEB	Container), Grossly Hemolyzed, Highly Lipaemic Sample	
6	Creatinine	Jaffe's Kinetic	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
					Collected for NEB		
7	Uric Acid	Uricase-POD	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
8	Calcium	Arsenazo-III	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
					Collected for NEB(COVID -19)		
9	Phosphorus	Phosphomolybdate UV	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
					Collected for NEB(COVID -19)		
10	Sodium	ISE-Indirect	2 ml blood in plain (red capped)/gel (yellow	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong	Random sample

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			capped) evacuated tube		Collected for NEB	Container), Grossly Hemolyzed, Highly Lipaemic Sample	
11	Potassium	ISE-Indirect	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU Collected for NEB	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
12	Chloride	ISE-Indirect	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
13	Bilirubin T	Vanadate Oxidation Diazo (DPD)	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU Collected for NEB	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
14	Bilirubin D	Vanadate Oxidation Diazo (DPD)	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU Collected for NEB	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
15	Total protein	Biuret	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU Collected for NEB(COVID -19)	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample

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16	Albumin	Bromo-Cresol Green	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
					Collected for NEB(COVID -19)		
17	AST	UV Kinetic without PLP	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
18	ALT	UV Kinetic without PLP	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
19	ALP	PNPP-AMP Buffer	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
20	Amylase	G7 PNP blocked	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
		CNPG3			Collected for NEB		

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21	Lipase	Imamura	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for NEB	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
22	CK	NAC Activated	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
					Collected for NEB		
23	CK MB	Enzymatic Immunoinhibition	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
					Collected for NEB		
24	LDH	UV Kinetic (L-P)	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
					Collected for NEB(COVID-19)		
25	Total cholesterol	CHOD-POD	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	10-12 hrs fasting	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	10-12 hrs fasting
					Collected for NEB(COVID-19)		

26	HDL cholesterol	CHOD-POD	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	10-12 hrs fasting	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	10-12 hrs fasting
					Collected for NEB(COVID -19)		
27	LDL cholesterol	CHOD-POD	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	10-12 hrs fasting	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	10-12 hrs fasting
					Collected for NEB(COVID -19)		
28	Triglyceride	GPO-POD	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	10-12 hrs fasting	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	10-12 hrs fasting
					Collected for NEB(COVID -19)		
29	Spot Urinary creatinine	Jaffe's Kinetic	Sterilized urine container	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container)	Random sample
30	24 hr Urinary creatinine	Jaffe's Kinetic	Sterilized urine container with preservative sample (10 ml of 20% HCL)	24 hr collected	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container)	24 hr collected
31	24 hr Urinary calcium	Arsenazo-III	Sterilized urine container with preservative sample (10 ml of 20% HCL)	24 hr collected	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container)	24 hr collected
33	Ascitic/Pleural		Sterilized container	Random sample	Collected for CBU	Unlabelled or mislabelled sample,	Random sample

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	/Pericardial /synovial Glucose				Collected for NEB	Inappropriate Samples (Wrong Container)	
34	Ascitic/Pleural /Pericardial /synovial Protein		Sterilized container	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container)	Random sample
35	CSF Glucose	Hexokinase	Sterilized container	Random sample	Collected for NEB	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container)	Random sample
36	CSF Protein	Pyragollol red	Sterilized container	Random sample	Collected for NEB	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container)	Random sample
37	Magnesium	Xylidyl Blue	2 ml blood in plain(red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU Collected for NEB(COVID -19)	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
38	hsCRP	Immunturbidimetric	2 ml blood in plain(red capped)/gel (yellow capped) evacuated tube	Random sample	Collected for CBU Collected for NEB(COVID -19)	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample