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College &Safdarjung HospitalClinical Biochemistry Unit & Biochemistry Lab, CBU & NEBDocument Name
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Sr. No	Name of Test	Methods	Sample Type & Quantity	Instructio ns	Details of Collection	Sample Rejection Criteria	Any Special Precaution
1	Glucose F	GOD-POD	2 ml blood in fluoride evacuated	8-10 hrs	Collected for CBU	*Unlabelled or mislabelled *Inappropriate Samples (Wrong	8-10 hrs fasting
		Hexokinase	tube (Grey Capped)	fasting	Collected for NEB	Container) *Grossly Hemolyzed *Highly Lipaemic	
2	Glucose PP	GOD-POD	2 ml blood in fluoride evacuated	2 Hrs after taking Breakfast	Collected	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	2 Hrs after taking Breakfast
		Hexokinase	tube (Grey Capped)		for CBU		
3	Glucose R	GOD-POD	2 ml blood in fluoride evacuated	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
		Hexokinase	tube (Grey Capped)		Collected for NEB		
4	OGTT	GOD-POD	2 ml blood in fluoride evacuated	2 hrs after taking 75	Collected	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong	2 hrs after taking 75
7	OGII	Hexokinase	tube (Grey Capped)	gms glucose	for CBU	Container), Grossly Hemolyzed, Highly Lipaemic Sample	gms glucose
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	
		Creatinine Jaffe's Kinetic	2 ml blood in plain (red capped)/gel (yellow	Random	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong	Random
6	Creatiline		capped) evacuated tube	sample	Collected for NEB	Container), Grossly Hemolyzed, Highly Lipaemic Sample	sample
			2 ml blood in plain (red capped)/gel	Random	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong	Random sample
7	Uric Acid	Uricase-POD	(yellow capped) evacuated tube	sample		Container), Grossly Hemolyzed, Highly Lipaemic Sample	
		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
8	Calcium				Collected for NEB(COVID -19)		
		Phosphomol	2 ml blood in plain (red capped)/gel	Random	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong	Random
9	Phosphorus	ybadate UV	(yellow capped) evacuated tube	sample	Collected for NEB(COVID -19)	Container), Grossly Hemolyzed, Highly Lipaemic Sample	sample
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		Collecte for NEB		
		sium ISE-Indirect	2 ml blood ir plain (red capped)/gel	n Randon	Collected for CBU	mislabelled sample, Inappropriate	Random
11	Potassium		(yellow capped) evacuated tube	sample	Collected for NEB	Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	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
	Bilirubin T	Vanadate Oxidation	2 ml blood in plain (red capped)/gel	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong	Random sample
13		Bilirubin T Diazo (DPD)	(yellow capped) evacuated tube		Collected for NEB	Container), Grossly Hemolyzed, Highly Lipaemic Sample	
as .		Vanadate Oxidation	2 ml blood in plain (red capped)/gel	Random	Collected for CBU Unlabelled or mislabelled sample, Inappropriate	mislabelled sample,	Random
14	Bilirubin D	(yellow capped) Diazo (DPD) Diazo (DPD)	capped) evacuated	sample	Collected for NEB	Container), Grossly Hemolyzed, Highly Lipaemic Sample	sample
15	Total protein		2 ml blood in plain (red capped)/gel	Random	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong	Random
				(yellow capped) evacuated tube	sample	Collected for NEB(COVID -19)	Container), Grossly Hemolyzed, Highly Lipaemic Sample

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16	Albumin	Bromo- Cresol Green	2 ml blood in plain (red capped)/gel (yellow	Random sample	Collected for CBU Collected	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong	Random sample
			capped) evacuated tube	33111310	for NEB(COVID -19)	Container), Grossly Hemolyzed, Highly Lipaemic Sample	sample
17	AST	AST UV Kinetic without PLP	2 ml blood in plain (red capped)/gel (yellow	Random	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random
17			capped) evacuated tube	sample	Collected for NEB		sample
		UV Kinetic	2 ml blood in plain (red capped)/gel	Random sample	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
18	ALT	without PLP	(yellow capped) evacuated tube		Collected for NEB		
		PNPP-AMP	2 ml blood in plain (red capped)/gel	Random	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	Random sample
1	9 ALP	ALP PNPP-AMP Buffer	(yellow capped) evacuated tube	sample	Collected for NEB		
	20 Amylase	G7 PNP blocked	2 ml blood in plain (red capped)/gel	Random	Collected for CBU	Unlabelled or mislabelled sample,Inappropriate Samples (Wrong	
		Amylase (yellow capped) CNPG3 evacuated tube		sample	Collected for NEB	Container), Grossly Hemolyzed, Highly Lipaemic Sample	sample

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

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26	HDL cholesterol	CHOD-POD	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	10-12 hrs fasting	Collected for CBU Collected for NEB(COVID -19)	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly Lipaemic Sample	10-12 hrs fasting
27	LDL cholesterol	CHOD-POD	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	10-12 hrs fasting	Collected for CBU Collected for CBU Collected for CBU Collected for CBU Collected For Container), Grossly Hemolyzed, Highly Lipaemic Sample		10-12 hrs fasting
28	Triglyceride	GPO-POD	2 ml blood in plain (red capped)/gel (yellow capped) evacuated tube	in Collected for CBU Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container), Grossly		mislabelled sample, Inappropriate Samples (Wrong Container), Grossly Hemolyzed, Highly	10-12 hrs fasting
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	Jrinary Arsenazo-III preservative		24 hr collected	Collected for CBU	Unlabelled or mislabelled sample, Inappropriate Samples (Wrong Container)	24 hr collected
33	Ascitic/Pleur al	,	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/Pleur al /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	Immunoturb idime tric	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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