



**SRI NATHIELLA SAMPATHU CHETTY CLINICAL
LABORATORY**
(UNIT OF MEDICAL RESEARCH FOUNDATION)

SNNSC/CM/ 12B.2

Test Master List -2

SPECIAL BIOCHEMISTRY INVESTIGATIONS – TEST MASTER LIST-2

S.No	Code No	Name of the Test	Specimen Required (manual)	Specimen Required Blood-Volume	Anti coagulant	Reportable intervals	Temp./Storage of examined specimen	Information to the patients
1	131	Serum Vitamin A		4 ml plain	-	3 days	-20° C/3 days	Should not take vitamin A tablet, carrot not to be taken in the previous 24 hours. Blood should be collected in fasting condition.
2	138	Plasma Homocysteine – plasma (ELISA)		2 ml (fasting)	EDTA	5 days	-20° C/ 3 days	Blood should be collected in fasting condition
3	801	Serum Thyroid profile: T3, T4, TSH		4 ml plain	-	Before 12.00 pm- same day After 12.00 pm- next day.	-20° C/3 days	Test is Outsourced
4	121	Electrophoresis for protein serum/ urine/CSF	5 ml urine sample/1ml CSF	4ml plain	-	2 days	-20° C/ 3 days	--

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Prepared & Issued by: Head of the department		Approved by: Management Representative	



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5	122	Electrophoresis for serum/ Lipoprotein		4 ml plain	-	2 days	-20° C/ 3 days	Fasting condition
6	125	Blood Pyruvate and Lactate		---	4ml of 0.6M per chloric acid.	2 days	-20° C/ 3 days	--
7	129	Blood Glucose 6 phosphate Dehydrogenase		4 ml	Heparin/ EDTA	2 days	24 hours /4°C	Test is Outsourced
8	130	Serum Lactate dehydrogenase		4 ml	Plain	2 days	24 hours /4°C	--
9	133	Paper chromatography for Galactose/any sugars	5 ml urine	2 ml blood	Fluoride	2 days	-20° C/ 3 days	Fasting at least one hour / urine to be collected.
10	134	Paper chromatography for Ornithine / amino acids	5 ml urine (fasting)	--	ACD 300 µL	3 days	-20° C/ 3 days	Blood should be collected in fasting condition.
11	137	Serum amylase		4 ml (plain)	-	3 days	-20° C/3 days	

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12	141	Serum Vitamin E		4 ml (plain)	-	3 days	-20° C/3 days	
13	142	Plasma vitamin C		4 ml	Heparin	2 days	24 hours /4°C	---
14	143	Blood Glutathione		2 ml	EDTA	3 days	-20° C/3 days	---
15	144	Blood Glutathione Peroxidase		2 ml	EDTA	3 days	-20° C/3 days	---
16	145	Blood Superoxide dismutase		4 ml	Heparin	3 days	-20° C/3 days	---
17	146	Blood Thio Barbituric Acid Reactive Substances		2 ml	EDTA	3 days	-20° C/ 3 days	---
18	153	Trace elements		4 ml plain	Plain	2-20days	24 hours /4°C	Call biochemistry department before the collection
19	112	Serum Ceruloplasmin		4 ml Plain	Plain	3 days	3 days /2-8°C	--
20	135	Amino acid profile – plasma	2.0 ml	ACD 300 µL	7 days	7 days -20°C	Blood should be collected in fasting condition	

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21	136	Amino acid profile- Urine	5.0 ml	Urine container	7 days	7 days / -20°C	Provided with pinch of sodium azide. sample should be collected in fasting condition	
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