

	INODAYA Hospitals - Kakinada		Documentation code: INH/AAC.Doc.No:14
	Policy on Laboratory Scope of Services		Prepared Date: 11/11/2025
	Reference: AAC.o6.a& f. NABH Standards –6 th Edition		Issue date: 11/11/2025
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AAC. 6 Policy on Laboratory Scope of Services (out sourced)

1. **Objective:** To provide Laboratory services commensurate with the scope of clinical services required by the hospital attached to Neogenix path labs & Quality care labs.
2. **Purpose:** To provide standardized Laboratory services for our patient and in patient.
3. **Responsibility:** **INODAYA HOSPITALS** & Neogenix path labs& Quality care labs,
- 4.**Distribution:** Consultants, In-Patient /Out-Patient areas, OPD billing desk, Nursing staff & outsource Laboratory Departments.
5. **Process detail:** Sample collection in Stilt floor by inodaya hospitals, and sample processing outsourced labs

SERVICES:

- **Biochemistry**
- **Clinical pathology**
- **serology**
- **Microbiology**
- **Histopathology**

6. Policy:

Laboratory services of our hospital are commensurate with the scope of clinical services of our hospital

- a. **Outsourced laboratory** services are available round the clock for In-Patient & Emergency services

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b. **Laboratory** equipment and the manpower are commensurate with its requirements**DEPARTMENT OF BIO CHEMISTRY TURN AROUND TIME FOR SERVICES OFFERED(labs)**

SL.NO	SERVICE TYPE	MINIMUM TIME	MAXIMUM TIME	PERIODICITY
	BIO CHEMISTRY			
1	FBS	1 Hrs	2 hrs	DAILY
2	PPBS	1 Hrs	2hrs	DAILY
3	GTT		4 hr	DAILY
4	RBS	1 Hrs	2 hrs	DAILY
5	HbA1C	1 hrs	2 hrs	DAILY
6	BLOOD UREA	1 & 1/2 hrs	2 hrs	DAILY
7	SERUM CREATININE	1 & 1/2 hrs	2 hrs	DAILY
8	SERUM URIC ACID	1 & 1/2 hrs	2 hrs	DAILY
9	SERUM CALCIUM	1 & 1/2 hrs	2 hrs	DAILY
10	SERUM PHOSPHAROUS	1 & 1/2 hrs	2 hrs	DAILY
11	PT&INR	1 & 1/2 hrs	2 hrs	DAILY
12	APTT	1 & 1/2 hrs	2 hrs	DAILY
13	LPID PROFILE	1 & 1/2 hrs	2 hrs	DAILY

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	Serum Total Cholesterol	1 & 1/2 hrs	2 hrs	DAILY
	Total Triglycerides	1 & 1/2 hrs	2 hrs	DAILY
	HDL Cholesterol	1 & 1/2 hrs	2 hrs	DAILY
	LDL Cholesterol	1 & 1/2 hrs	2 hrs	DAILY
	VLDL Cholesterol	1 & 1/2 hrs	2 hrs	DAILY
14	LIVER FUNCTION TEST	1 & 1/2 hrs	2 hrs	DAILY
	Total Bilirubin	1 & 1/2 hrs	2 hrs	DAILY
	Direct Bilirubin	1 & 1/2 hrs	2 hrs	DAILY
	Indirect Bilirubin	1 & 1/2 hrs	2 hrs	DAILY
	SGPT/ALT	1 & 1/2 hrs	2 hrs	DAILY
	SGOT/AST	1 & 1/2 hrs	2 hrs	DAILY
	AIKALINE Phosphates	1 & 1/2 hrs	2 hrs	DAILY
	Serum Total Proteins	1 & 1/2 hrs	2 hrs	DAILY
	Serum Albumin	1 & 1/2 hrs	2 hrs	DAILY
	Serum Globulin	1 & 1/2 hrs	2 hrs	DAILY
15	SERUM AMYLASE	1 & 1/2 hrs	2 hrs	DAILY
16	SERUM LIPSAE	1 & 1/2 hrs	2 hrs	DAILY

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17	SERUM ELECTROLYTES	30 min	1 hrs	DAILY
	Potassium	30 min	1 hrs	DAILY
	Sodium	30 min	1 hrs	DAILY
	Chlorides	30 min	1 hrs	DAILY
18	GGT	2 hrs	3 HRS	DAILY

DEPARTMENT OF HAEMATOLOGY TURN AROUND TIME FOR SERVICES OFFERED(labs)

S.NO	SERVICE TYPE	MINIMUM TIME	MAXIMUM TIME	PERIODICITY
	HAEMATOLOGY			
1	HAEMOGRAMME (CBP)	2 hrs	2 & 1/2 hr	DAILY
2	CBC	30 min	1 hour	DAILY
3	HB %	30 min	45 min	DAILY
4	TWBC (TC)	30 min	45 min	DAILY
5	DC	30 min	45 min	DAILY
6	TRBC	30 min	45 min	DAILY
7	PCV (Hematocrit)	30 min	45 min	DAILY
8	MCV	30 min	45 min	DAILY

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9	MCH	30 min	45 min	DAILY
10	MCHC	30 min	45 min	DAILY
11	PLATELET COUNT	30 min	45 min	DAILY
12	AEC	1 hour	2 hrs	DAILY
13	ESR	1 & 1/2 hr	2 hours	DAILY
14	PERIPHERAL SMEAR	2 hrs	2 & 1/2 hr	DAILY
15	SMEAR FOR MP & MF	30 min	1 hour	DAILY
19	BLOOD for MP (QBC)	1 hrs	2 hrs	DAILY
20	BLOOD GROUPING	30 min	1 hrs	DAILY
21	BT ,CT	15 min	15 min	DAILY
22	Serum B 12	1 & 1/2 hrs	2 hrs	DAILY
23	Vit- D3	2	2	Daily
24	Trop-I	1	1	Daily
25	Thyroid profile	2	2	Daily

DEPARTMENT OF MICROBIOLOGY TURN AROUND TIME FOR SERVICES OFFERED(labs)

SL.N O	SERVICE TYPE	MINIMUM TIME	MAXIMUM TIME	PERIODICITY
	SEROLOGY			

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1	C-Reactive Protine	1 Hrs	1 hrs	DAILY
2	WIDAL	45 min	1 hrs	DAILY
3	RAPID TESTS 1 hrs 2 hrs DAILY			
4	Serum HIV 1 & 2 (Tri-do	1 & 1/2 hrs	2 hrs	DAILY
5	Serum HbsAg	1 & 1/2 hrs	2 hrs	DAILY
6	Serum HCV	1 & 1/2 hrs	1 hrs	DAILY
7	DENGU NS1 Ag, Ig G & Ig	1 hrs	1 & 1/2 hrs	DAILY

DEPARTMENT OF CLINICAL PATHOLOGY TURN AROUND TIME FOR SERVICES OFFERED(labs)

S.NO	SERVICE TYPE	MINIMUM TIME	MAXIMUM TIME	PERIODICITY
	CLINICAL PATHOLOGY	1-2 hrs		DAILY
1	URINE ANALYSIS	1 Hour	2 Hours	DAILY
2	ALBUMIN	30 min	1 Hour	DAILY
3	SUGAR	30 min	1 Hour	DAILY
4	MICROSCOPY	30 min	1 Hour	DAILY
5	SPECIFIC GRAVITY	30 min	1 Hour	DAILY
6	PH	30 min	1 Hour	DAILY
7	BLOOD	30 min	1 Hour	DAILY
8	KETONE BODIES	30 min	1 Hour	DAILY
9	BILE PIGMENTS	30 min	1 Hour	DAILY
10	BILE SALTS	30 min	1 Hour	DAILY
11	UROBILINOGEN	30 min	1 Hour	DAILY
12	URINE PREGNANCY	30 min	1 Hour	DAILY

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CYTOLOGY

S.NO	NAME	MAXIMUM TIME
1	Papsmear	3-5 Days
2	Fluid for cytology	3-5 Days
3	FNAC	5-7Days
4		7 Days

CRITICAL / PANIC VALUES LIST

HEMATOLOGY	Age Range	Critical Value (low)	Critical Value (High)	units	Response
Hemoglobin	Adult	< 7	> 20	gm/dL	* call
Platelet	Adult	< 50	> 1000	(x 103/ul)	* call
Haematocrit	Adult	< 20	> 60	(%)	* call
WBC	Adult	< 2.0 to	> 25	(x 103/ul)	* call
Cell Count - CSF only	Adult	> 30		(WBC/UL)	* call
MP - Falciparum	Adult		positive		* call
Parasite -F	Adult		positive		* call
Urineanalysischemistrip, glucose	Adult		> 3+ Glucose		* call
INR (reported with PT)	Adult	< 2.0	> 4.0		* call
APTT	Adult	< 60			* call

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PCT	Adult	None	2	ng/ml	* call
D-DIMER	Adult		positive		* call
CT (CLOTTING TIME)	ANY AGE		>7 MINUTES		* call
BT (BLEEDING TIME)	ANY AGE		> 3 MINUTES		* call
QBC	ANY AGE		positive		* call
AEC	ANY AGE		1200		* call
ESR	ANY AGE		100		* call
OTHER ANALYTES					
GLUCOSE	Any age	< 40	> 500	mg/dl	* call
SODIUM	Any age	≤ 120	≥ 160	mmol/L	* call
POTASSIUM	Any age	≤ 2.5	≥ 6.5	mmol/L	* call
CHLORIDE	Any age	≤ 80	≥ 120	mmol/L	* call
TCO ₂ (Venous)	Any age	≤ 10	≥ 40	mmol/L	* call
TCO ₂ (Arterial)	Any age	≤ 10	≥ 40	mmol/L	* call
CALCIUM	Any age	≤ 6.5	> 13	mg/dl	* call
PHOSPHOROUS	Any age	< 1.0	None	mg/dl	* call
T.Bilirubin	Any age	None	≥ 5.0	mg/dl	* call
CPK	Any age	None	≥ 3-5	U / L	* call

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			times		
CK-MB	Any age	None	≥ 5	% of total CK activity	* call
hs TROPONIN I	Any age	None	39.2	PG/ML	* call
proBNP	Any age	None	450	PG/ML	* call
S FERRITIN	Any age	None	1000	mg/dl	* call
S CREATININE	Any age	None	2.0	mg/dl	* call
MAGNESIUM	Any age	None	5.0	mg/dl	* call
T CHOLESTEROL	Any age	<50	>500	mg/dl	* call
TRIGLYCERIDES	Any age	<50	>500	mg/dl	* call
PROCALCITONIN	Any age	None	5.0	mg/dl	* call
AMYLASE	Any age	None	500	mg/dl	* call
LIPASE	Any age	None	500	mg/dl	* call
HIV	Any age		POSITIVE		* call
HBSAG	Any age		POSITIVE		* call
HCV	Any age		POSITIVE		* call
CSF Total protein	Any age	None	≥ 45	mg/dl	* call
GLUCOSE in CSF	Any age	< 20 or < 80% of blood level		mg/dl	* call

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BIOCHEMISTRY BLOOD GASES	Age Range	Critical Value (low)	Critical Value (High)	units	Response
Arterial Ph	Any age	≤ 7.20	≥ 7.55	pH units	* call
Arterial pco 2	Any age	≤ 20	≥ 60	mm Hg	
Arterial Po 2	Any age	≤40	None/ > 200	mm Hg	
Calcium - ionized	Any age	≤ 2.6	≥ 6.4	mg /dl	
Venous Ph	Any age	< 7.25	None	pH units	
Bicarbonate	Any age	≤ 10	≥ 40	mmol /L	
Hematocrit (PCV)	Any age	≤ 21	≥ 65	%	
HORMONES & THERAPEUTIC DRUGS	Age Range	Critical Value (low)	Critical Value (High)	units	Response
T3	Any age		>3	ug/dl	
T 4	Any age		> 130	ug/dl	
TSH	Any age		>7	ug/dl	

Document Revision History

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Version	Date of issue	Reason for Revision
Original version - 1		
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