

Poison Control Centre (WHO-listed) - Analytical Toxicology Lab (NABL-accredited)
Amrita Institute of Medical Sciences (NABH/NABL/ISO 9001/14001/OHSAS Compliant Hospital), Cochin, Kerala 682041

Test No	Test Name	Specimen	Method	Assay	Reporting Time	Cost (Rs)
1	Substance Abuse Screen 1. Amphetamine 2. Methamphetamine 3. Benzodiazepines (common) 4. Barbiturates (common) 5. Opioids (common) 6. Cocaine 7. Cannabis/Marijuana 8. Cyclic Antidepressants (common) 9. Ketamine	Urine (15 ml)	Fluorescent immunoassay	Qualitative	Same Day	2400
2	Toxicology Screening Stage I (Common representatives from each group) 1. Alcohols 2. Analgesics 3. Opioids 4. Phenothiazines	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	750
3	Toxicology Screening Stage II (Common representatives from each group) 1. Alcohols 2. Analgesics 3. Sedatives 4. Opioids 5. Phenothiazines	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	1500
4	Toxscreen Panel (Common representatives from each group) 1. Alcohols 2. Analgesics 3. Sedatives 4. Opioids 5. Pesticides 6. Phenothiazines	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	1950
5	Insecticides Panel 1. Common Pyrethroids 2. Common Organophosphates 3. Common Organochlorines 4. Common Carbamates	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	1050
6	Herbicides (Weedicides) Panel 1. Paraquat 2. Glyphosate 3. Chlorophenoxy compounds (each)	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	1150
7	Rodenticides (Rat poisons) Panel 1. Phosphide (Zinc/Aluminium) 2. Phosphorus 3. Long acting anticoagulants (Bromadiolone)	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography	Qualitative	Same Day	1550
8	Pesticides Panel	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	1050
9	Metals - Urine Screen 1. Antimony 2. Arsenic 3. Bismuth 4. Lead 5. Mercury	Urine (50 ml)	Colour tests Spectrophotometry	Qualitative	Same Day	750
10	Metals Quantitative Panel I 1. Arsenic 2. Mercury 3. Lead 4. Cadmium	Blood (EDTA 4 ml)	ICP-MS	Quantitative	10th Day	6120
11	Alcohols and Volatiles 1. Ethanol 2. Methanol 3. Ethylene glycol 4. Chloroform 5. Carbon tetrachloride	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Spectrophotometry Urinalysis	Qualitative	Same Day	1500
12	Inhalant Gases 1. Carbon monoxide 2. Cyanides	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Spectrophotometry	Qualitative	Same Day	750
13	Sedatives 1. Common Barbiturates 2. Common Benzodiazepines 3. Chloral hydrate	Blood (Plain 4-10 ml) Urine (50 ml) (Preferred sample type) Gastric Aspirate (10-25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	1050

14	Narcotics (Opioids)	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	1500
15	Anticholinergics 1. Atropine 2. Antihistamines (common) 3. Scopolamine 4. Phenothiazines (common) 5. Cyclic antidepressants (common)	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	1500
16	Analgesics and Anti-inflammatories 1. Salicylates 2. Paracetamol 3. Selected NSAIDs	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	1520
17	Steroids 1. Prednisolone 2. Hydrocortisone 3. Betamethasone 4. Dexamethasone	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	1220
18	Cholinesterase level (Plasma cholinesterase)	Blood	Spectrophotometry	Quantitative	Same Day	790
19	Antipsychotics (Selected) 1. Phenothiazines 2. TCAs 3. Haloperidol 4. Valproate 5. Carbamazepine 6. Lithium 7. Risperidone 8. Quetiapine 9. Escitalopram 10. Fluoxetine 11. Olanzapine	Blood (Plain 10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatographic Immuno assay, Thin Layer Chromatography	Qualitative	Same Day	1700
20	Common Oral Hypoglycaemic Drugs 1. Metformin 2. Glibenclamide 3. Glipizide 4. Glimepiride 5. Gliclazide 6. Repaglinide	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Thin Layer Chromatography	Qualitative	Same Day	1700
21	Multidrug Panel-1 (Any 2 drugs) This panel includes only therapeutic drugs	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	750
22	Multidrug Panel-1I (3-5 drugs) This panel includes only therapeutic drugs	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	1500
23	Multidrug Panel III (More than 5 drugs- up to 7) This panel includes only therapeutic drugs	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	1700
Therapeutic Anti-infective Drug Panels						
24	Antibacterial Drug Panel (Selected) 1. Common Sulfonamides 2. Quinolones 3. Fluoroquinolones 4. Penicillins 5. Cephalosporines 6. Aminoglycosides 7. Tetracyclines 8. Macrolides 9. Ketolides 10. Chloramphenicol 11. Common Antitubercular Drugs 12. Common Antileprotic Drugs	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Thin Layer Chromatography	Qualitative	Same Day	1500
25	Antiviral Drug Panel Common Antiherspesvirus and Antiretrovirus Drugs (selected)	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Thin Layer Chromatography	Qualitative	Same Day	1500
26	Antifungal Drug Panel (Selected only)	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Thin Layer Chromatography	Qualitative	Same Day	1500
27	Antiprotozoal Drug Panel Common Antimalarial and Antiamoebic Drugs (Selected)	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Thin Layer Chromatography	Qualitative	Same Day	1500

28	Antihelminthic Drug Panel 1. Albendazole 2. Mebendazole 3. Diethylcarbamazine 4. Niclosamide 5. Praziquantel 6. Pyrantel pamoate 7. Levamisole 8. Ivermectin	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Thin Layer Chromatography	Qualitative	Same Day	1500
29	Petroleum Distillates (Petrol/ Diesel/ Kerosene)	Urine (50 ml) Gastric Aspirate (10-25 ml)	Spectrophotometry	Qualitative	Same Day	750
30	Moth balls (Camphor / Naphthalene)	Urine (50 ml) Gastric Aspirate (10-25 ml)	Spectrophotometry	Qualitative	Same Day	750
31	Plant-based Toxins 1. Odallum 2. Aconite 3. Datura 4. Nerium 5. Strychnine	Blood (4-10ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Thin layer Chromatography	Qualitative	Second Day	1500
32	Common Barbiturates	Urine (50 ml)	Chromatographic Immunoassay	Qualitative	Same Day	750
33	Common Benzodiazepines	Urine (50 ml)	Chromatographic Immunoassay	Qualitative	Same Day	750
34	Common Benzodiazepines	Blood (Plain 4 ml)	Immunoassay	Quantitative	Second Day	400
35	TCA (Tricyclic Antidepressants)	Urine (50 ml)	Chromatography	Qualitative	Same Day	750
Therapeutic Drug Monitoring						
36	Carbamazepine	Blood (Plain 4 ml)	CLIA	Quantitative	4 th Day	920
37	Clozapine	Blood (plain 4 ml)	LC MS/MS	Quantitative	7 th Day	4200
38	Digoxin	Blood (Plain 4 ml)	ECLIA	Quantitative	7 th Day	540
39	Lamotrigine	Blood (Plain 4 ml)	MS	Quantitative	10th Day	3940
40	Levetiracetam	Blood (Plain 4 ml)	MS	Quantitative	10th Day	4800
41	Lithium	Blood (Plain 4 ml)	Colorimetry	Quantitative	Second day	200
42	Paracetamol	Blood (Plain 4 ml)	Spectro photometry	Quantitative	Every Day	800
43	Phenobarbitone	Blood (Plain 4 ml)	HPLC	Quantitative	"	1020
44	Phenytoin	Blood (Plain 4 ml)	HPLC	Quantitative	"	920
45	Salicylates	Blood (Plain 4 ml)	Spectrophotometry	Quantitative	All Days	750
46	Theophylline	Blood (Plain 4 ml)	CLIA	Quantitative	7 th Day	900
47	Valproic acid	Blood (Plain 4 ml)	ECLIA	Quantitative	Second Day	550
Metals						
48	Aluminium	Blood (Plain 4 ml)	ICP-MS	Quantitative	10th Day	4500
49	Antimony	Blood (EDTA 4 ml)	ICP-MS	Quantitative	10th Day	2550
50	Arsenic	Blood (EDTA 4 ml)	ICP-MS	Quantitative	10th Day	1800
51	Chromium	Blood (EDTA 4 ml)	ICP-MS	Quantitative	10th Day	1800
52	Cobalt	Blood (EDTA4 ml)	ICP-MS	Quantitative	10th Day	1800
53	Copper Liver Quantitative (Only for AIMS, Kochi patients)	Liver Tissue Fresh (2 ml)	AAS	Quantitative	20th Day	2760
54	Copper	Urine (50 ml) (Spot & 24 Hrs)	Spectrophotometry	Quantitative	10th Day	880

55	Copper	Blood (Plain 4 ml)	Spectrophotometry	Quantitative	10th Day	880
56	Lead	Blood (EDTA 4 ml)	ICP-MS	Quantitative	10th Day	1790
57	Thallium	Blood (EDTA)/ Blood (Plain 4 ml)	ICP-MS	Quantitative	10th Day	3000
58	Mercury	Blood (EDTA 4 ml)	ICP-MS	Quantitative	10th Day	2160
59	Nickel	Blood (EDTA 4 ml)	ICP-MS	Quantitative	10th Day	4500
60	Zinc	Blood (Plain 4 ml)	ICP-MS	Quantitative	10 th Day	1740
Individual Toxin Testing						
61	Acetaminophen (Paracetamol)	Blood (Plain 4ml)	Spectrophotometry	Quantitative	Same Day	800
62	Acetaminophen (Paracetamol)	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography	Qualitative	Same Day	450
63	Alcohols	Blood (4ml)	Enzymatic Method	Quantitative	2nd Day	750
64	Amphetamines	Urine (50ml)	Fluorescent immunoassay	Qualitative	Same Day	2400
65	Aluminium	Blood (Plain 4 ml)	ICP-MS	Quantitative	10th Day	4500
66	Aluminium phosphide	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	1550
67	Aniline	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Color test Spectrophotometry	Qualitative	Same Day	450
68	Antimony	Blood (EDTA - 4ml)	ICP-MS	Quantitative	10th Day	3480
69	Antimony	Urine (50 ml)	Colour tests	Qualitative	Same Day	450
70	Arsenic	Blood (EDTA -4ml)	ICP-MS	Quantitative	10th Day	1800
71	Arsenic	Urine (50 ml)	Colour tests	Qualitative	Same Day	450
72	Atropine	Blood (Plain 4 ml)	HPLC	Quantitative	2nd Day	850
73	Atropine	Blood (Plain 4 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Thin Layer Chromatography HPLC	Qualitative	Same Day	1500
74	Barium	Urine (50 ml) Gastric Aspirate	Colour tests	Qualitative	Same Day	450
75	Betamethasone	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	750
76	Bismuth	Urine (50 ml)	Colour test	Qualitative	Same Day	450
77	Borates	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	450
78	Bromates	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	450

79	Bromides	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	450
80	Caffeine	Blood (Plain 4 ml)	HPLC	Quantitative	Second day	810
81	Cadmium	Blood (EDTA -4ml)	ICP MS	Quantitative	10th Day	3460
82	Cannabis	Urine (25 ml)	Chromatographic Immunoassay	Qualitative	Same Day	2400
83	Carbamate pesticides (common)	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	1050
84	Carbamazepine	Blood (Plain 4 ml)	HPLC	Quantitative	Tuesday & Friday	730
85	Carbamazepine	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Thin Layer Chromatography	Qualitative	Same Day	750
86	Carbon disulfide	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	450
87	Carbon monoxide	Blood (Heparin -10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Spectrophotometry Colour tests	Qualitative	Same Day	450
88	Carbon tetrachloride	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	450
89	Chloral hydrate	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	450
90	Chlorates	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	450
91	Chloroform	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	450
92	Chlorophenoxy compounds (each)	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	750
93	Chloroquine	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	750
94	Chromium	Blood (EDTA -4ml)	ICP-MS	Quantitative	15th Day	1800
95	Cocaine	Urine (50 ml)	Chromatographic Immunoassay	Qualitative	Same Day	2400
96	Clozapine	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography	Qualitative	Same Day	750
97	Cobalt	Blood (EDTA -4ml)	ICP-MS	Quantitative	15th Day	1800

98	Codeine	Urine (50 ml)	Chromatographic Immuno assay, TLC	Qualitative	Same Day	2210
99	Copper	Blood (Plain 4-10 ml)	Spectrophotometry	Quantitative	Every Saturday	880
100	Copper	Urine (50 ml) (Spot & 24 Hrs)	Spectrophotometry	Quantitative	Every Saturday	880
101	Coumarin anticoagulants - Bromadiolone	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	TLC	Qualitative	Same Day	750
102	Cyanide	Gastric Aspirate (10-25 ml)	Colour tests Spectrophotometry	Qualitative	Same Day	450
103	Dapsone	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography	Qualitative	Same Day	750
104	Diazepam	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography	Qualitative	Same Day	750
105	Dexamethasone	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	750
106	Dextropropoxyphene	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	750
107	Dichlorophenazone	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	750
108	Digoxin	Blood (Plain 4 ml)	CLIA	Quantitative	7 th Day	540
109	Digoxin	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography	Qualitative	Same Day	750
110	Dinitrophenol	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Color tests	Qualitative	Same Day	450
111	Diquat	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography	Qualitative	Same Day	450
112	Ethanol	Blood (4ml)	Enzymatic Method	Quantitative	Next Day	750
113	Ethanol	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	450
114	Ethylene glycol	Urine (25 ml)	Colour tests Urinalysis	Qualitative	Same Day	450
115	Fipronil	Blood (Plain 4-10 ml) Urine (50 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	1050

		Gastric Aspirate (10-25 ml)				
116	Formaldehyde	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	450
117	Formic acid	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	450
118	Glyceryl trinitrate	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography	Qualitative	Same Day	750
119	Glyphosate	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	1050
120	Glufosinate	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	1050
121	Hydrocortisone	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	750
122	Hypochlorites (Bleach)	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	450
123	Imipramine	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	450
124	INH (Isonicotinic acid hydrazide)	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	450
125	Iron	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Spectrophotometry	Qualitative	Same Day	450
126	Iron	Blood (Plain 4-10 ml)	Chemistry Analyzer	Quantitative	2nd Day	220
127	Ketamine	Urine	Chromatographic Immuno assay	Qualitative	Same Day	750
128	Laxatives (each)	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	750
129	Lamotrigine	Blood (Plain 4 ml)	MS	Quantitative	7th Day	3940
130	Lamotrigine	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography	Qualitative	Same Day	750
131	Lead	Urine	Colour test	Qualitative	Same Day	450
132	Lead	Blood (Heparin 4 ml)	ICP-MS	Quantitative	7th Day	1790
133	Lithium	Blood (Plain - 4 ml)	Colorimetry	Quantitative	2nd Day	200

134	Lithium	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	TLC	Qualitative	Same Day	450
135	Long acting anticoagulants (Bromadiolone)	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	750
136	Marijuana (Cannabis)	Urine (50 ml)	Fluorescent immuno assay	Qualitative	Same Day	2400
137	Mercury	Blood (EDTA 4ml)	ICP-MS	Quantitative	15th Day	2160
138	Mercury	Urine (50 ml)	Colour tests	Qualitative	Same Day	450
139	Methadone	Urine (50 ml)	Fluorescent immuno assay	Qualitative	Same Day	2400
140	Methamphetamine	Urine (50 ml)	Fluorescent immuno assay	Qualitative	Same Day	2400
141	Methanol	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Spectrophotometry	Qualitative	Same Day	450
142	Methyl bromide	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Spectrophotometry	Qualitative	Same Day	450
143	Morphine	Urine (50 ml)	Chromatographic Immunoassay	Qualitative	Same Day	750
144	Nickel	Blood (EDTA-4ml)	ICP-MS	Quantitative	15th Day	4500
145	Nicotine (Cotinine)	Urine	Chromatographic Immuno assay	Qualitative	Same Day	750
146	Nitrobenzene	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	450
147	Nortryptiline	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	750
148	Common Organochlorine pesticides (each)	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	1050
149	Common Organophosphate pesticides (each)	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	1050
150	Oxalates	Urine / Gastric Aspirate	Colour tests	Qualitative	Same Day	450
151	Paracetamol (Acetaminophen)	Blood (Plain 4ml)	Spectrophotometry	Quantitative	Same Day	800
152	Paracetamol (Acetaminophen)	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	450
153	Paraquat	Blood (Plain 4-10 ml) Urine (50 ml)	Colour tests Chromatography	Qualitative	Same Day	450

		Gastric Aspirate (10-25 ml)	Spectrophotometry			
154	Phenacetin	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	450
155	Phencyclidine (PCP)	Urine (50 ml)	Fluorescent immuno assay	Qualitative	Same Day	2400
156	Phenols	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Spectrophotometry	Qualitative	Same Day	450
157	Phenols	Urine (50 ml)	Spectrophotometry	Quantitative	Same Day	570
158	Phenothiazines	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	450
159	Phosphorus	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	750
160	Prednisolone	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	750
161	Propranolol	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	750
162	Pyrethroids (common)	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	1050
163	Quinidine	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography	Qualitative	Same Day	750
164	Quinine	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography	Qualitative	Same Day	750
165	Salicylates	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Chromatography Spectrophotometry	Qualitative	Same Day	450
166	Salicylates	Blood (Plain 4 ml)	Spectrophotometry	Quantitative	Same Day	750
167	Strychnine	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour test Chromatography Spectrophotometry	Qualitative	Same Day	1500
168	Tetrachloroethylene	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	450
169	Theophylline	Blood (Plain 4 ml)	CLIA	Quantitative	3rd Day	900
170	Theophylline	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography	Qualitative	Same Day	750

171	Thiocyanates	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	450
172	Tobacco (Nicotine)	Urine (50 ml)	Chromatographic Immunoassay	Qualitative	Same Day	750
173	Tolbutamide	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Chromatography Spectrophotometry	Qualitative	Same Day	450
174	Toluene	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests Spectrophotometry	Qualitative	Same Day	450
175	Valproic Acid	Blood (Plain 4-10 ml)	PETINIA	Quantitative	2nd Day	550
176	Valproic Acid	Blood (Plain 4-10 ml) Urine (50 ml) Gastric Aspirate (10-25 ml)	Thin layer Chromatography	Qualitative	Same Day	750
177	Zinc	Blood (EDTA -4ml)	ICP-MS	Quantitative	Same Day	1740
178	Zinc Phosphide	Urine (50 ml) Gastric Aspirate (10-25 ml)	Colour tests	Qualitative	Same Day	1550
Miscellaneous						
179	Commercial products analysis for contaminants, adulterants, toxins	Medicinal products Food products Oil samples, etc (sufficient quantity)	Colour tests Chromatography Spectrophotometry ICP-MS	Qualitative	Variable	Variable
<i>Particle-Enhanced Turbidimetric Inhibition Immunoassay (PETINIA), Chemi Luminescent Immuno Assay (CLI)</i>						
<i>Chromatography : Thin Layer Chromatography (TLC), High Performance Liquid Chromatography (HPLC)</i>						
<i>Spectrophotometry: UV-Vis Spectrophotometry; Inductively Coupled Plasma-Atomic Emission Spectrophotometry (ICP-AES)</i>						
<ul style="list-style-type: none"> Blood is preferably collected in vacutainer tubes. While collecting serum, gel tubes should be avoided. 						
<ul style="list-style-type: none"> Do not add preservatives to any sample unless specified. Cooling of body fluid samples essential if time of receipt is likely to exceed 6 hours from collection time. 						
<ul style="list-style-type: none"> All charges must be paid in advance (cash or DD in the name of "Amrita Institute of Medical Sciences" payable at Ernakulam). 						
<ul style="list-style-type: none"> For clarifications : 0484- 2856034 , 2858056, 2858096; or Email to toxicology@aims.amrita.edu ; poisonunit@aims.amrita.edu 						