

CMH Lahore Medical College & IOD Laboratory

Chemistry

Code	Test	Fee	Requirements	Reporting time
78946	17-hydroxy progesterone (OHP)	3300	3-5 cc serum or clotted blood	Next day
3522	**Creatinine clearance (24-hour urine)	1000	Serum and 24hr urine	Same day
5011	**Hb electrophoresis	2000	3 cc EDTA blood (CBC vial) with history	4 days
6056	A/G ratio	700	3-5 cc clotted blood or serum	Same day
8125	Abdominal fluid routine analysis	1650	Abdominal fluid	Next day
396	ABGs (arterial blood gases)	1800	Heparinized blood	Same day
4123	ACE (angiotensin-converting enzyme)	3300	3-5 cc serum or clotted blood	Same day
4195	Adenosine deaminase (ADA)-cerebrospinal fluid (CSF)	4100	Cerebrospinal fluid	Same day
4194	Adenosine deaminase (ADA)-body fluid	4100	Fluid	Same day
4236	Adenosine deaminase (ADA)-serum	4100	3-5 cc serum or clotted blood	Same day
2353	Albumin-creatinine ratio (urine) microalbumin	1500	Urine (random/spot)	Same day
4625	Alpha-1 (α -1) anti-trypsin level	2200	3-5 cc serum or clotted blood	3 days
0043	Amphetamines (urine random/spot)	1500	Urine (random/spot)	Next day
1103	Amylase (fluid)	1000	Fluid	Same day
1430	Anion gap (serum) (Na+K) (Cl+HCO ₃)	1500	3-5 cc serum or clotted blood	Same day
4151	Anti-cardiolipin IgG	3300	3-5 cc serum or clotted blood	2 days
4152	Anti-cardiolipin IgM	3300	3-5 cc serum or clotted blood	2 days
0101	Anti-CCP (cyclic citrullinated peptide)	3300	3-5 cc serum or clotted blood	Same day
4805	Anti ds DNA	3500	3-5 cc serum or clotted blood	Same day
5019	Anti-HBc IgG	1900	3-5 cc serum or clotted blood	Next day
4205	Anti-HBc IgM	1950	3-5 cc serum or clotted blood	Same day
4207	Anti-HBe	1950	3-5 cc serum or clotted blood	Next day
4203	Anti-HBs	1550	3-5 cc serum or clotted blood	Next day
4208	Anti-HCV (ELISA)	1900	3-5 cc serum or clotted blood	Same day
5563	Anti-helicobacter pylori IgA	1900	3-5 cc serum or clotted blood	Same day
4628	Anti-helicobacter pylori IgG	1900	3-5 cc serum or clotted blood	Same day
4629	Anti-helicobacter pylori IgM	1900	3-5 cc serum or clotted blood	Same day
4210	Anti-HEV IgG	2450	3-5 cc serum or clotted blood	2 days
4214	Anti-HEV IgM	2450	3-5 cc serum or clotted blood	Next day
4211	Anti-HIV-1 and 2	2200	3-5 cc serum or clotted blood	Same day
8387	Anti-LKM (anti-liver kidney microsomal antibody)	4400	3-5 cc serum or clotted blood	2 days

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3813	Anti-Müllerian hormone (AMH)	5700	3-5 cc serum or clotted blood	Same day
5562	Anti-nuclear antibody (ANA) (ELISA)	3150	3-5 cc serum or clotted blood	4 days
4648	Anti-nuclear antibody profile by immunofluorescence (ANA, ASMA, AMA, ALKM)	6500	3-5 cc serum or clotted blood	4 days
5038	Anti-phospholipid IgG	2400	3-5 cc serum or clotted blood	Next day
5039	Anti-phospholipid IgM	2400	3-5 cc serum or clotted blood	Next day
5572	Anti-SCL70	2400	3-5 cc serum or clotted blood	3 days
4626	Anti-sperm antibodies	3000	3-5 cc serum or clotted blood	4 days
41277	Antimitochondrial antibodies	1650	3-5 cc serum or clotted blood	3 days
4127	Anti smooth muscle antibodies (ASMA)	1700	3-5 cc serum or clotted blood	3 days
5557	Anti-TTG (anti-tissue transglutaminase) IgA	1900	3-5 cc serum or clotted blood	Same day
5560	Anti-TTG (anti-tissue transglutaminase) IgG	1900	3-5 cc serum or clotted blood	Same day
3332	Anti-GBM (anti-glomerular basement membrane) antibodies	3400	3-5 cc serum or clotted blood	2 days
3405	Anti-streptolysin O titre (ASOT)	1000	3-5 cc serum or clotted blood	Same day
0051	Barbiturates (bar) (urine)	4070	Urine	Next day
1615	Basic metabolic panel (BMP) (Ca, Na, K, CL, HCO ₃ , BUN, Creatinine)	2400	3-5 cc serum or clotted blood	Next day
1106	Benzodiazepines (urine random/spot)	1500	Urine (random/spot)	Next day
1038	β ₂ glycoprotein-1 IgG	2700	3-5 cc serum or clotted blood	3 days
1039	β ₂ glycoprotein-1 IgM	2700	3-5 cc serum or clotted blood	3 days
4309	β -HCG	1600	3-5 cc serum or clotted blood	Same day
1258	Bilirubin-direct (conjugated)	400	3-5 cc serum or clotted blood	Same day
15013	Bilirubin-indirect (unconjugated)	400	3-5 cc serum or clotted blood	Same day
1501	Bilirubin-total	400	3-5 cc serum or clotted blood	Same day
1106	Benz jones protein (urine)	500	urine	Same day
1400	Blood glucose fasting (BSF)	300	Whole blood	Same day (6 hours)
14006	Blood glucose fasting (glucometer reading)	100	3 cc EDTA blood (CBC vial)	Same day
14005	Blood glucose random (glucometer reading)	100	Whole blood	Same day
9988	BUN (blood urea nitrogen)	500	3-5 cc serum or clotted blood	Same day
1626	BUN-creatinine ratio	900	3-5 cc serum or clotted blood	Same day
4302	CA 125	3200	3-5 cc serum or clotted blood	Same day
8092	CA 15-3	3100	3-5 cc serum or clotted blood	Same day
4306	CA 19-9	3300	3-5 cc serum or clotted blood	Next day

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9913	CA 19-9 in body fluid	3300	Body fluid	Next day
3530	Cannabinoids (urine random/spot)	1500	Urine (random/spot)	Next day
4401	Carbamazepine (Tegretol)	2400	3-5 cc serum or clotted blood	4 days
3544	Catecholamines (24hr urine)	8500	24-hr urine	3 days
4301	CEA (carcinoembryonic antigen)	2400	3-5 cc serum or clotted blood	Same day
3601	CEA (carcinoembryonic antigen) in body fluid	2400	Body fluid	4 days
11075	Chloride (urine random/spot)	400	Urine (random/spot)	Next day
1984	Cholesterol in body fluid	550	Body fluid	Same day
3545	Cocaine (urine random/spot)	1500	Urine (random/spot)	Next day
1709	Serum copper	1600	3-5 cc serum or clotted blood	3 days
4449	Corrected calcium (calcium+albumin)	900	3-5 cc serum or clotted blood	Same day
4112	Cortisol (8AM)	1700	3-5 cc serum or clotted blood	Same day
4113	Cortisol (8PM)	1700	3-5 cc serum or clotted blood	Same day
1703	Chloride Serum	400	3-5 cc serum or clotted blood	Same day
3514	Copper 24h urine	1700	Urine	4 days
1705	Calcium (serum)	600	3-5 cc serum or clotted blood	Same day
3508	Calcium (24h urine)	700	Urine	Same day
12362	CoViD-19 (SARS CoV-2) IgG quantitative (anti-spike)	2400	3-5 cc serum or clotted blood	2 days
1600	Creatinine (body fluid)	500	Body fluid	Same day
3511	Creatinine (spot urine)	600	24-hr urine	Same day
3490	CRP (high sensitivity)	1800	3-5 cc serum or clotted blood	Next day
4199	Dengue NS-1 antigen (ELISA)	3000	3-5 cc serum or clotted blood	Next day
4198	Dengue virus IgG	1500	3-5 cc serum or clotted blood	Next day
5552	Dengue virus IgM	1500	3-5 cc serum or clotted blood	Next day
4120	DHEA SO4	2000	3-5 cc serum or clotted blood	Next day
3619	eGFR	600	3-5 cc serum or clotted blood	Same day
4647	ENA Quantrix 25 IgG	9500	3-5 cc serum or clotted blood	4 days
1166	Covid 19 PCR	4500	Viral transport media	Same day
1603	Creatinine (serum)	500	3-5 cc serum or clotted blood	Same day
3492	CRP	1400	3-5 cc serum or clotted blood	Same day
1607	Creatinine (24h urine)	600	3-5 cc serum or clotted blood	Same day

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4118	Estrogen (estradiol E2)	1900	3-5 cc serum or clotted blood	Same day
4109	Free T3	1800	3-5 cc serum or clotted blood	Same day
4106	Free T4	1800	3-5 cc serum or clotted blood	Same day
4128	Free testosterone	2500	3-5 cc serum or clotted blood	Same day
4428	Thyroid function tests (FT3, FT4, TSH)	4400	3-5 cc serum or clotted blood	Same day
4105	FSH	1700	3-5 cc serum or clotted blood	Same day (6 hours)
1404	GCT (glucose challenge test)	450	Sodium fluoride-containing blood sample	Same day (6 hours)
1419	Glucose (1 hours after 75g)	450	Sodium fluoride-containing blood sample	Same day
1407	Glucose 1 1/2 hrs	300	Sodium fluoride-containing blood sample	Same day
1427	Glucose 1 1/2 hrs (after 75 grams glucose)	450	Sodium fluoride-containing blood sample	Same day
5302	Glucose 1 1/2 hrs (ABF)	300	Sodium fluoride-containing blood sample	Same day
1428	Glucose ½ hour after 75 grams glucose	450	Sodium fluoride-containing blood sample	Same day
5304	Glucose 2 1/2 hrs ABF	300	Sodium fluoride-containing blood sample	Same day
5301	Glucose 2 hrs ABF	300	Sodium fluoride-containing blood sample	Same day
1423	Glucose 2 hrs after 75 grams glucose	450	Sodium fluoride-containing blood sample	Same day
1402	Glucose 2 hrs. PP	300	Sodium fluoride-containing blood sample	Same day
1409	Glucose 3 hrs PP	300	Sodium fluoride-containing blood sample	Same day
1415	Glucose after dinner	300	Sodium fluoride-containing blood sample	Same day
1412	Glucose after lunch	300	Sodium fluoride-containing blood sample	Same day
1411	Glucose before lunch	300	Sodium fluoride-containing blood sample	Same day
4115	Growth hormone (HGH)	1900	3-5 cc serum or clotted blood	Next day
4213	Hepatitis A virus (HAV) IgG	2000	3-5 cc serum or clotted blood	Next day
4202	Hepatitis A virus (HAV) IgM	2000	3-5 cc serum or clotted blood	Next day
1301	Haemoglobin (Hb)	400	3 cc EDTA blood (CBC vial)	Same day (8 hours)
4802	Glycosylated haemoglobin (HbA1c)	1600	3 cc EDTA blood (CBC vial)	Same day
4206	Hepatitis B e antigen (HBeAg) (ELISA)	1600	3-5 cc serum or clotted blood	Next day
4201	Hepatitis B surface antigen (HBsAg) ELISA	1500	3-5 cc serum or clotted blood	Same day
5051	Hepatitis B virus (HBV) DNA by real-time PCR (qualitative)	4200	8 cc serum or clotted blood (2 vials)	5 days
5052	Hepatitis B virus (HBV) DNA by real-time PCR (quantitative)	8000	8 cc serum or clotted blood (2 vials)	5 days
4621	HCV genotyping	7500	EDTA vials blood / plasma	9 days

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Code	Test	Fee	Requirements	Reporting time
5053	Hepatitis C virus (HCV) RNA by real-time PCR (qualitative)	4000	8 cc serum or clotted blood (2 vials)	5 days
4610	Hepatitis C virus (HCV) RNA by real-time PCR (quantitative)	8000	8 cc serum or clotted blood (2 vials)	5 days
0008	HDV RNA by PCR (qualitative)	4500	3-5 cc serum or clotted blood	4 days
0102	HDV RNA BY PCR (quantitative)	5000	3-5 cc serum or clotted blood	4 days
4707	Herpes simplex virus (HSV) IgG	1500	3-5 cc serum or clotted blood	Next day
4708	Herpes simplex virus (HSV) IgM	1500	3-5 cc serum or clotted blood	Next day
4510	HBsAg (Screening)	500	3-5 cc serum or clotted blood	Same day
2322	Immunoglobulins (IgA, IgG, IgM)	2500	3-5 cc serum or clotted blood	Next day
4116	Insulin	2400	3-5 cc serum or clotted blood	Same day
5564	Insulin growth factor-1 (IGF-1)	6500	3-5 cc serum or clotted blood	Next day
5574	Intact parathyroid hormone (iPTH)	2000	3-5 cc serum or clotted blood	Same day
5553	Ionized calcium (free)	900	3-5 cc serum or clotted blood	Same day
2702	Serum iron (Fe)	600	3-5 cc serum or clotted blood	Same day
5573	Ketones (blood)	650	3-5 cc serum or clotted blood	Next day
3517	Ketones (urine)	250	Urine (random / spot)	Same day
2324	LDH (body fluid)	550	Body fluid	Same day
1951	LDL cholesterol	600	3-5 cc serum or clotted blood	Same day
4104	Luteinising hormone (LH)	1500	3-5 cc serum or clotted blood	Same day
2251	LDH (blood)	550	3-5 cc serum or clotted blood	Same day
2730	Lipase (Fluid)	1000	Fluid	Same day
1900	Lipid profile	1800	3-5 cc serum or clotted blood	Same day
1708	Lithium (Li)	1300	3-5 cc serum or clotted blood	3 days
3233	Magnesium (24h urine)	600	24-hour urine	Same day
2330	Measles antibodies IgG	2100	3-5 cc serum or clotted blood	4 days
2329	Measles antibodies IgM	2100	3-5 cc serum or clotted blood	4 days
4804	Microalbuminuria (24 hrs)	1100	24-hour urine	Same day
4813	Microalbuminuria (random/spot)	1100	24 Hrs Urine	Same day
5583	Morphine derivatives (urine)	1500	Urine (random /spot)	Next day
2335	Mumps IgG antibodies	2300	3-5 cc serum or clotted blood	4 days
2334	Mumps IgM antibodies	2300	3-5 cc serum or clotted blood	3 days
9001	Mycodot (IgG)	2300	3-5 cc serum or clotted blood	Same day
14001	OGTT with 100-gram load (4 specimen) (0,1,2,3 hours)	1300	Sodium fluoride-containing sample from pregnant patient	Same day (6 hours)

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Code	Test	Fee	Requirements	Reporting time
1403	OGTT with 75-gram load (3 specimen) (0,1,2 hours)	1000	Sodium fluoride-containing sample from male or non-pregnant female	Same day (6 hours)
2337	Opiates (urine)	1500	Urine (random/spot)	Next day
3602	Osmolality (serum)	1400	3-5 cc serum or clotted blood	Same day
1104	Osmolality (urine)	1400	Urine (random/spot)	Same day
2716	Lipase (blood/serum)	1000	3-5 cc serum or clotted blood	Same day
1707	Magnesium (serum/blood)	600	3-5 cc serum or clotted blood	Same day
782456	Pancreatic elastase-1	8000	Stool	1 week
2340	Phenytoin (Dilantin)	1600	3-5 cc serum or clotted blood	1 week
3513	Phosphate (24h urine)	550	24-hour urine	Next day
2341	Phosphate (random/spot urine)	550	Urine (random/spot)	Next day
2342	Porphobilinogen (urine)	1200	24-hour urine	3 days
1532	Potassium (fluid)	500	Fluid	Same day
1120	Potassium (urine)	500	Urine (random/spot)	Next day
1702	Potassium (serum/blood)	500	3-5 cc serum or clotted blood	Same day
1706	Phosphate (serum/blood)	550	3-5 cc serum or clotted blood	Same day
0031	Pro-BNP (N-t) II	2500	Heparinised and EDTA blood samples	Same day
4108	Progesterone	1500	3-5 cc serum or clotted blood	Same day
4107	Prolactin	1600	3-5 cc serum or clotted blood	Same day
2344	Protein (serum)	450	3-5 cc serum or clotted blood	Same day
1606	Protein (random/spot urine)	450	Urine (random/spot)	Same day
1621	Protein-to-creatinine ratio (urine)	1000	Urine (random/spot)	Same day
5010	Protein electrophoresis (serum)	2000	3-5 cc serum or clotted blood	10 days
4307	Prostate-specific antigen (PSA)	2000	3-5 cc serum or clotted blood	Same day
0007	Reducing substances (urine)	300	Urine (random/spot)	Same day
1628	Renal function tests (RFT) with eGFR (urea, creatinine, BUN, eGFR)	1000	3-5 cc serum or clotted blood	Same day
4701	Rubella antibodies, IgG	1350	3-5 cc serum or clotted blood	Next day
4702	Rubella antibodies, IgM	1350	3-5 cc serum or clotted blood	Next day
2589	Serum-ascites albumin gradient (SAAG)	800	Peritoneal fluid and serum	Daily
1207	Semen analysis	2000	Semen (after 8 days of abstention from sexual activity)	Same day (8 hours)
5017	Anti-neutrophil cytoplasmic antibodies (cytoplasmic) {c-ANCA (proteinase-3)}	4200	3-5 cc serum or clotted blood	Same day

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5568	Anti-neutrophil cytoplasmic antibodies (perinuclear) (p-ANCA (myeloperoxidase))	4200	3-5 cc serum or clotted blood	Same day
5066	Anti-gliadin antibodies, IgA (anti-DGP IgA)	2200	3-5 cc serum or clotted blood	3 days
2360	Anti-gliadin antibodies, IgG (anti-DGP IgG)	2200	3-5 cc serum or clotted blood	3 days
4204	Anti-hepatitis B core antigen (anti-HBc) antibodies {total}	2300	3-5 cc serum or clotted blood	Same day
4606	Ferritin	1600	3-5 cc serum or clotted blood	Same day
4110	Folic acid (folate level), serum	1700	3-5 cc serum or clotted blood	Same day
4602	Serum IgA	1200	3-5 cc serum or clotted blood	Next day
4605	Serum IgE	1600	3-5 cc serum or clotted blood	Next day
4604	Serum IgM	1200	3-5 cc serum or clotted blood	Next day
1702	Potassium (K)	500	3-5 cc serum or clotted blood	Same day
1547	Procalcitonin (PCT)	6500	3-5 cc serum or clotted blood	Next day
1701	Sodium (Na)	500	3-5 cc serum or clotted blood	Same day
1504	Serum glutamic-oxaloacetic transferase (SGOT) [aspartate aminotransferase (AST)]	400	3-5 cc serum or clotted blood	Same day
1503	Serum glutamic-pyruvic transferase (SGPT) {alanine aminotransferase (ALT)}	400	3-5 cc serum or clotted blood	Same day
3506	Sodium (24-hour urine)	500	24-hour urine	Same day
1526	Sodium (body fluid)	500	Body fluid	Same day
3507	Sodium (random/spot urine)	500	Urine (random/spot)	Next day
2587	Specific gravity (24-hour urine)	150	24-hour urine	Next day
2703	Total iron-binding capacity (TIBC)	850	3-5 cc serum or clotted blood	Next day
4419	Tacrolimus (whole blood)	6000	3 cc EDTA blood (CBC vial)	3 days
1543	Total bilirubin (body fluid)	400	Body fluid	Same day
1507	Total protein	400	3-5 cc serum or clotted blood	Same day
4101	Total T3	1100	3-5 cc serum or clotted blood	Same day
4102	Total T4	1100	3-5 cc serum or clotted blood	Same day
1807	Troponin-T	1750	3 cc EDTA blood (CBC vial)	Same day
0030	Troponin-I (high sensitivity)	2500	3 cc EDTA blood (CBC vial)	Same day
4103	Thyroid-stimulating hormone (TSH)	1250	3-5 cc serum or clotted blood	Same day
1601	Urea (serum)	500	3-5 cc serum or clotted blood	Same day
3510	Urea (24-hour urine)	500	24-hour urine	Same day
2346	Urea (body fluid)	500	Body fluid	Same day

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Code	Test	Fee	Requirements	Reporting time
1614	Urea (random/spot urine)	500	Random/spot urine	Same day
2348	Uric acid (body fluid)	500	Body fluid	Same day
0029	Valporic acid (Epival)	1800	3-5 cc serum or clotted blood	3 days
1108	Vanillylmandelic acid (VMA)	2200	24-hour urine	3 days
397	Venous blood gases (VBGs)	1750	Heparinised blood	Same day
4111	Vitamin B-12	1750	3-5 cc serum or clotted blood	Same day
4171	Aldosterone to direct renin ratio	8500	EDTA whole blood and clotted blood	3 days
2512	Androstenedione level (serum)	3000	3-5 cc serum or clotted blood	8 days