

Medlab Ghana Test Catalogue

No.	DEPARTMENT	TEST ABBREVIATION	SAMPLE TYPE	SAMPLE CONTAINER (TUBE)	TAT	SPECIAL COMMENTS
	CHEMISTRY					
		LIVER FUNCTION TESTS	Serum	5mL SST	24HRS	
		BILIT	Serum	5mL SST	24HRS	
		BILID	Serum	5mL SST	24HRS	
		ALP	Serum	5mL SST	24HRS	
		GGT	Serum	5mL SST	24HRS	
		AST	Serum	5mL SST	24HRS	
		ALT	Serum	5mL SST	24HRS	
		LDH	Serum	5mL SST	24HRS	
		TP	Serum	5mL SST	24HRS	
		ALBUMINE	Serum	5mL SST	24HRS	
		AMYLASE	Serum	5mL SST	24HRS	
		UREA	Serum	5mL SST	24HRS	
		Na/K	Serum	5mL SST	24HRS	
		ELECTROLYTES	Serum	5mL SST	24HRS	
		CREATININE	Serum	5mL SST	24HRS	
		CREATININE CL	Serum & aliquot of 24 Hr Urine collection	5mL SST & 24Hr Urine collection	24HRS	
		24HR URINE PROTEIN	Aliquot of 24 Hr Urine collection	24 Hr Urine collection	24HRS	
		Ca2+	Serum	5mL SST	24HRS	
		Mg2+	Serum	5mL SST	24HRS	
		PO4	Serum	5mL SST	24HRS	
		CRP	Serum	5mL SST	24HRS	
		CK	Serum	5mL SST	24HRS	
		LIPOGRAM	Serum	5mL SST	24HRS	Fasting
		CHOLESTROL	Serum	5mL SST	24HRS	Fasting
		TRIG	Serum	5mL SST	24HRS	Fasting
		HDL	Serum	5mL SST	24HRS	Fasting
		2HR GTT	Plasma	2mL Flouride	24HRS	Fasting
		2HR GLU PP	Plasma	2mL Flouride	24HRS	Fasting
		GLU-FASTING	Plasma	2mL Flouride	24HRS	Fasting
		GLU-RANDOM	Plasma	2mL Flouride	24HRS	Fasting
		URIC ACID	Serum	5mL SST	24HRS	
		Fe2+	Serum	5mL SST	24HRS	
		TIBC	Serum	5mL SST	24 HRS	
		CARBAMEZIPINE	Serum	5mL SST	24 HRS	
		PHENYTOIN	Serum	5mL SST	24 HRS	
	HAEMATOLOGY					
		FBC	Whole Blood	5ML EDTA	24HRS	
		ESR	Whole Blood	5ML EDTA	24HRS	
		RETICS	Whole Blood	5ML EDTA	24HRS	
		MAL. T/T	Whole Blood	5ML EDTA	3 HRS	
		MALARIA ANTIGEN	Whole Blood	5ML EDTA	3 HRS	URGENT
		BLD PARASITES	Whole Blood	5ML EDTA	24HRS	
		BLD GP (ABO)	Whole Blood	5ML EDTA	24HRS	
		RH Ab/ IND. COOMBS	Whole Blood	5ML EDTA	24HRS	
		SICKLING / HB ELECT.	Whole Blood	5ML EDTA	24HRS	Run Tuesdays/Fridays
		G6PD	Whole Blood	5ML EDTA	24HRS	
		INR	Plasma	2mL Na Citrate	3HRS	URGENT
		APTT BLEEDING TIME	Plasma	2mL Na Citrate	3HRS	URGENT
		CLOTING TIME		N/A	3HRS	
		D- DIMER	Whole Blood	N/A	3HRS	
				5mL Li heparin	3HRS	URGENT
	IMMUNOLOGY					
		FERRITIN	Serum	5mL SST	24HRS	Run Tuesdays/Fridays
		TFT	Serum	5mL SST	24 HRS	
		FT4	Serum	5mL SST	24HRS	
		FT3	Serum	5mL SST	24HRS	
		TSH	Serum	5mL SST	24HRS	
		PSA	Serum	5mL SST	24 HRS	
		LH	Serum	5mL SST	24 HRS	Run Mondays/Thursdays
		FSH	Serum	5mL SST	24 HRS	Run Mondays/Thursdays
		PROG	Serum	5mL SST	24 HRS	Run Mondays/Thursdays
		PROL	Serum	5mL SST	24 HRS	Run Mondays/Thursdays
		E2	Serum	5mL SST	24 HRS	Run Mondays/Thursdays
		TESTO	Serum	5mL SST	24 HRS	Run Mon/Wed/Fridays
		CORT-S	Serum	5mL SST	7 W.DAYS	

	hs TROP T	Serum	5mL SST	3HRS	URGENT
	Hep A IgG	Serum	5mL SST	7 W.DAYS	
	Hep A IgM	Serum	5mL SST	7 W.DAYS	
	Hep Bs Ag	Serum	5mL SST	24 HRS	
	Hep Bs Ab	Serum	5mL SST	24 HRS	Run Tuesdays/Fridays
	Hep Bc Ab	Serum	5mL SST	24 HRS	Run Tuesdays/Fridays
	Hep Bc IgM	Serum	5mL SST	24 HRS	Run Tuesdays/Fridays
	Hep Be Ag	Serum	5mL SST	24 HRS	Run Tuesdays/Fridays
	Hep Be Ab	Serum	5mL SST	24 HRS	Run Tuesdays/Fridays
	Hep C Ab SCREEN	Serum	5mL SST	24 HRS	
	HIV SCREEN	Serum	5mL SST	24 HRS	
	CD4/CD8	EDTA Whole blood	5mL EDTA	24 HRS	Run Tuesdays/Fridays
	AFP	Serum	5mL SST	7 W.DAYS	
	B-HCG	Serum	5mL SST	3 HRS URGENT	
	CA 19-9	Serum	5mL SST	7 W.DAYS	
	CA 125	Serum	5mL SST	7 W. DAYS	
	CA 15-3	Serum	5mL SST	7 W. DAYS	
	CA 72-4	Serum	5mL SST	7 W. DAYS	
	CEA	Serum	5mL SST	7 W. DAYS	
	CKMB	Serum	5mL SST	24 HRS	
			5mL SST	3 HRS	URGENT
SEROLOGY					
	TOXO SCREEN		5mL SST	7 W.DAYS	
	RF	Serum	5mL SST	24HRS	
	RPR	Serum	5mL SST	24HRS	
	TPHA	Serum	5mL SST	24HRS	
	PREG. TEST-U	URINE	URINE	24HRS	
	PREG. TEST-S	10mL Random Midstream Urine	5mL SST	24HRS	
	DRUG ABUSE SCREEN	Serum	URINE	24HRS	
	ASOT	25mL Random Urine	5mL SST	7 W.DAYS	
	WIDAL	Serum	5mL SST	24HRS	
MICROBIOLOGY					
	URINE R/E			24HRS	
	URINE M,C/S	10mL Random Midstream Urine		3 DAYS	
	BILHARZ. SCREEN	10mL Random Midstream Urine		24HRS	
	SPUTUM M, C/S	10mL Random Midstream Urine		3 DAYS	
	AFB MICROSCOPY	Sputum		24 HRS	
	TB CULTURE	Sputum		8 WEEKS	
	FAECES M, C/S	Sputum		4 DAYS	
	FAECES PARASITES	Faeces		24HRS	
	OCCULT BLD	Faeces		24HRS	
	H. PYLORI STOOL AG	Faeces		24HRS	
	SWABS	Faeces		3 DAYS	OBTAIN SWAB FROM MEDLAB
	FUNGAL ELEM.	Swab (indicate site)		24HRS	
	FUNGAL CULT.	Scraping		10 DAYS	
	BLD CULTURE	Scraping	BLD CULT BOTTLE	7 DAYS	
	CSF MIC. & CHEM	Blood		24 HRS	
	CSF CULT	CSF		3 DAYS	
	CHLAMYDIA SCREEN	CSF		24HRS	
	MANTOUX	10mL early morning urine for males, Vag swab for females		72HRS	
	SKIN SNIP (ONCHO)	N/A		24HRS	
	SEMEN ANALYSIS	N/A		3 DAYS	
	SEMEN CULTURE.	Semen		3 DAYS	
	BENCE JONES PROT.	Semen	N/A	24HRS	
		10 mL Random Urine			
SPECIALISED TESTS					
	HIV W.BLOT	Serum	5mL SST	7 W. DAYS	
	HIV V. LOAD	Whole Blood	5ML EDTA	7 W. DAYS	
	Hep B V. LOAD	Serum	5mL SST	7 W. DAYS	
	VIT B12	Serum	5mL SST	7 W. DAYS	
	FOL-S	Serum	5mL SST	7 W. DAYS	
	PSA COMP	Serum	5ML SST	7 W. DAYS	
	PSA FREE & RATIO	Serum	5mL SST	7 W. DAYS	
	IgE	Serum	5mL SST	7 W. DAYS	
	THYROID ABS	Serum	5mL SST	7 W. DAYS	

THYROGLOBULIN	Serum	5mL SST	7 W. DAYS
ANF/ DS DNA	Serum	5mL SST	7 W. DAYS
ENA	Serum	5mL SST	7 W. DAYS
ACE	Serum	5mL SST	7 W. DAYS
SMA	Serum	5mL SST	7 W. DAYS
MITOCHON. AB	Serum	5mL SST	7 W. DAYS
C3 & C4	Serum	5mL SST	7 W. DAYS
IMMUNOGLOB. IGA, IGG, IGM	Serum	5mL SST	7 W. DAYS
DHEA-S	Serum	5mL SST	7 W. DAYS
17OH-PROG	Serum	5mL SST	7 W. DAYS
GH	Serum	5mL SST	7 W. DAYS
ALDOSTERONE	Serum	5mL SST	7 W. DAYS
ALPHA-1-ANTITRYP	Serum	5mL SST	7 W. DAYS
ANDROSTENEDIONE.	Serum	5mL SST	7 W. DAYS
OSMOLARITY-S & U	Serum & Random urine	5mL SST + 5mL Random urine	7 W. DAYS
LIPASE	Serum	5mL SST	7 W. DAYS
PROTEIN ELECTROPHORESIS	Serum	5mL SST	7 W. DAYS
RENIN	Plasma	5ML EDTA	7 W. DAYS
DIGOXIN	Serum	5mL SST	7 W. DAYS
PHENOBARB	Serum	5mL SST	7 W. DAYS
THEOPHYLLINE	Serum	5mL SST	7 W. DAYS
VALPROATE	Serum	5mL SST	7 W. DAYS
Li	Serum	5mL SST	7 W. DAYS
C PEPTIDE	Serum	5mL SST	7 W. DAYS
INSULIN (FASTING)	Serum	5mL SST	7 W. DAYS
METANEPHRINES	Aliquot of 24 Hr Urine collection		7 W. DAYS
24H MICROALBUMIN	Aliquot of 24 Hr Urine collection		7 W. DAYS
BILHARZIA AB	Serum	5mL SST	7 W. DAYS
BRUCELLA SCREEN	Serum	5mL SST	7 W. DAYS
INFECT. MONONUCLEOSIS	Serum	5mL SST	7 W. DAYS
CMV IGG, IGM	Serum	5mL SST	7 W. DAYS
EBV PROFILE	Serum	5mL SST	7 W. DAYS
H. PYLORI AB	Serum	5mL SST	7 W. DAYS
HERP. 1 & 2 IGG, IGM	Serum	5mL SST	7 W. DAYS
TOXO IgG	Serum	5mL SST	7 W. DAYS
TOXO IgM	Serum	5mL SST	7 W. DAYS
RUBELLA IgG	Serum	5mL SST	7 W. DAYS
RUBELLA IgM	Serum	5mL SST	7 W. DAYS
VARICELLA IGG, IgM	Serum	5mL SST	7 W. DAYS
CSF CRYPT	CSF		7 W. DAYS
CSF OLIG BANDS	CSF + 1mL Serum		7 W. DAYS
CHLAM/ GONO PCR	20mL Urine		7 W. DAYS
NEW BORN SCREEN	Dry Blood Spot	Filter Card	7 W. DAYS
HPV (cytology)	Cervical Swab	Liquid based vessel/ pap smear	7 W. DAYS
HPV (PCR)	Cervical Swab	Dry cervical swab stick	7 W. DAYS
PCA 3	Urine	Specialized method and collection bottle	7 W. DAYS
None Invasive Prenatal Test (NEO BONA)	Whole Blood	Special collection tubes available in the lab	7 W. DAYS

--- PLEASE CALL FOR REQUIREMENTS FOR TESTS NOT SHOWN ---

Key: W – Working days