

Al Abbar Laboratories for Research and Medical Analysis

Medsol Group

Bank Street Building | Khalid Bin Al Waleed Road (Bank Street) | Al Mankhool

Bur Dubai | Dubai | United Arab Emirates

Issue date: 08-08-2025

Accreditation History		
Issue no.	Details	Date
09	Reissued due to renewal accreditation and voluntary reduction in scope	08-08-2025
08	Certificate validity was extended for 6 months from 17-02-2025 up to 16-08-2025	17-02-2025
07	Re-issued to reflect: 1. the transition from ISO 15189:2012 to ISO 15189:2022, 2. a voluntary reduction in scope (remove Biochemistry tests related to Urin, Immunology-Serum: HERPES SIMPLEX I IgM & HERPES SIMPLEX II IgM), and 3. reduction in scope (remove Microbiological-Urine, vaginal swab-Mycoplasma culture and sensitivity)	05-02-2025
06	Voluntary reduction in scope (remove Drug screen Rapid test)	29-11-2023
05	Renewal accreditation	17/02/2022
04	Renewal accreditation from Emirates International Accreditation Centre 'EIAAC' (which was formerly known as Dubai Accreditation Center 'DAC')	17-02-2019
03	Renewal accreditation	17-02-2016
02	Renewal accreditation	17-02-2013
01	Granted accreditation from Dubai Accreditation Center 'DAC'	17-02-2010

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Analytical Field/ Discipline	Type of Biological Sample	Components / Analytes	Examination Technique/ Method	Examination Procedure
Hematology	EDTA Whole Blood	Haemoglobin	Automated cell counter Photometry-SLS	SOP AAL/HA/05 (XN 550)
Hematology	EDTA Whole Blood	Hematocrit (HCT)	Automated cell counter Hydrodynamic focusing (DC Detection)	SOP AAL/HA/05 (XN 550)
Hematology	EDTA Whole Blood	Mean Cell Volume(MCV)	Automated cell counter Calculation	SOP AAL/HA/05 (XN 550)
Hematology	EDTA Whole Blood	Mean cell Haemoglobin (MCH)	Automated cell counter Calculation	SOP AAL/HA/05 (XN 550)
Hematology	EDTA Whole Blood	Mean cell Haemoglobin Concentration (MCHC)	Automated cell counter Calculation	SOP AAL/HA/05 (XN 550)
Hematology	EDTA Whole Blood	Erythrocytes Count (RBC)	Hydrodynamic focusing – (DC Detection) Automated cell counter	SOP /AAL/HA/05 (XN 550)
Hematology	EDTA Whole Blood	Leukocytes Count (WBC)	Automated cell counter Flowcytometry	SOP AAL/HA/05 (XN 550)
Hematology	EDTA Whole Blood	Neutrophil% and Absolute	Automated cell counter Flowcytometry	SOP AAL/HA/05 (XN 550)
Hematology	EDTA Whole Blood	Lymphocyte% and absolute	Automated cell counter Flowcytometry	SOP AAL/HA/05 (XN 550)
Hematology	EDTA Whole Blood	Monocyte% and absolute	Automated cell counter Flowcytometry	SOP AAL/HA/05 (XN 550)

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Hematology	EDTA Whole Blood	Eosinophil% and absolute	Automated cell counter Flowcytometry	SOP AAL/HA/05 (XN 550)
Hematology	EDTA Whole Blood	Basophil % and absolute	Automated cell counter Flowcytometry	SOP AAL/HA/05 (XN 550)
Hematology	EDTA Whole Blood	Platelets count	Hydrodynamic focusing- (DC Detection)Automated cell counter	SOP AAL/HA/05 (Xn 550))
Hematology	EDTA Whole Blood	Reticulocyte count	Manual procedure Microscopy	SOP AAL/HA/14 (Manual)
Hematology	EDTA Whole Blood	Malaria parasites	Manual procedure Microscopy	SOP AAL/HA/11 (Manual)
Hematology	EDTA Whole Blood	Erythrocytes Sedimentation Rate (ESR)	Automated Modified Westegren's method(Semi-automated)	SOP AAL/HA/20 (Vesmatic Easy)
Hematology	EDTA Whole Blood	Blood Grouping	Antigen Antibody reaction	Gel Method SOP AAL/HA/21 (Orthovision Swift)
Hematology	EDTA Whole Blood	Blood Rh typing	Antigen Antibody reaction Gel Method	SOP AAL/HA/21 ((Orthovision Swift)
Hematology	EDTA Whole Blood	Direct Comb's test (DCT)	Antigen Antibody reaction Gel Method	SOP AAL/HA/06 B ((Orthovision Swift)
Hematology	EDTA Whole Blood	Haemoglobin variant (HbA2; HbF & Other Abnormal Hemoglobin)	HPLC	SOP AAL/HA/15 (Biorad Variant II)

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Hematology	Citrate Plasma	Prothrombin Time & INR	Clot detection- Optical	SOP AAL/HA/13 (ACL TOP 300 CTS)
Hematology	Citrate Plasma	Activated Partial Thromboplastin time (APTT)	Clot detection- Optical	SOP AAL/HA/01 (ACL TOP 300 CTS)
Hematology	Citrate Plasma	Indirect Comb's test (ICT)	Antigen Antibody reaction Gel Method	SOP AAL/HA/06 A (Orthovision Swift)
Biochemistry	Serum	Albumin	Colorimetric -BCG (Cobas pro, 293-06)	SOP AAL/CB/01 B
Biochemistry	Serum	Alkaline phosphatase	Colorimetric -P-NPT (Cobas pro, 293-06)	SOP AAL/CB/2 B
Biochemistry	Serum	ALT (GPT)	NADH w/ P5P (Cobas pro, 293-06)	SOP AAL/CB/28 B
Biochemistry	Serum	AST (GOT)	NADH w/ P5P (Cobas pro, 293-06)	SOP AAL/CB/27 B
Biochemistry	Serum	Antistreptolysin O	Immunoturbidimetric (Cobas pro, 293-06)	SOP AAL/CB/68 B
Biochemistry	Serum	Amylase in serum	Enzymatic-IFCC (Cobas pro, 293-06)	SOP AAL/CB/03 B
Biochemistry	Serum	Bilirubin Direct	Diazo Reaction (Cobas pro, 293-06)	SOP AAL/CB/04 B
Biochemistry	Serum	Bilirubin total	Diazo Reaction (Cobas pro, 293-06)	SOP AAL/CB/05 B
Biochemistry	Serum	Bile Acid	Enzymatic-Colorimetry (Cobas pro, 293-06)	SOP AAL/CB/111 B
Biochemistry	Serum	C Reactive protein (CRP)	Immunoturbidimetric (Cobas pro, 293-06)	SOP AAL/CB/11B

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Biochemistry	Serum	C Reactive protein (CRP) Ultrasensitive	Immunoturbidimetric (Cobas pro, 293-06)	SOP AAL/SER/35 B
Biochemistry	Serum	C3 complement	Immunoturbidimetric (Cobas pro, 293-06)	SOP AAL/CB/14 B
Biochemistry	Serum	C4 complement	Immunoturbidimetric (Cobas pro, 293-06)	SOP AAL/CB/15 B
Biochemistry	Serum	Calcium	NM-BAPTA (Cobas pro, 293-06)	SOP AAL/CB/06 B
Biochemistry	Serum	Phosphorus	Molybdate UV (Cobas pro, 293-06)	SOP AAL/CB/25 B
Biochemistry	Serum	Chloride	Ion selective electrode (ISE) Indirect (Cobas pro, 293-06)	SOP AAL/CB/125 B
Biochemistry	Serum	Cholesterol total	Homogeneous enzymatic- CHER & CHOD (Cobas pro, 293-06)	SOP AAL/CB/07B
Biochemistry	Serum	Cholesterol-HDL	Homogeneous enzymatic- CHER & CHOD (Cobas pro, 293-06)	SOP AAL/CB/16 B
Biochemistry	Serum	Cholesterol-LDL	Homo. Enz, Liq. Selective Surfactan (Cobas pro, 293- 06)	SOP AAL/CB/17 B
Biochemistry	Serum	Apolipoprotein A1	Immunoturbidimetric (Cobas pro, 293-06)	SOP AAL/CB/114 B
Biochemistry	Serum	Apolipoprotein B	Immunoturbi dimetric (Cobas pro, 293-06)	SOP AAL/CB/115 B

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Biochemistry	Serum	Troponin T	ECLIA (Cobas pro, 293-06)	SOP AAL/CB/126 B
Biochemistry	Serum	Creatine kinase (CK)	IFCC-UV Test (Cobas pro, 293-06)	SOP AAL/CB/09 B
Biochemistry	Serum	Creatine kinase-MB	ECLIA (Cobas pro, 293-06)	SOP AAL/CB/08 B
Biochemistry	Serum	Creatinine	Jaffe-Alkaline Picrate (Cobas pro, 293-06)	SOP AAL/CB/10 B
Biochemistry	Serum	GFR (Glomerular Filtration Rate)	Calculation	SOP AAL/CB/18 B
Biochemistry	Serum	Gamma GT.	Enzymatic-GG 3C4Nitro AN (Cobas pro, 293-06)	SOP AAL/CB/12 B
Biochemistry	Serum	Iron	Colorimetric-FerroZine (Cobas pro, 293-06)	SOP AAL/CB/20 B
Biochemistry	Serum	Total Iron Binding capacity (TIBC)	Calculation Based on UIBC (Cobas pro, 293-06)	SOP AAL/CB/32 B
Biochemistry	Serum	Iron Saturation	Calculation Based on Iron & uibc (Cobas pro, 293-06)	SOP AAL/CB/20 B & SOP AAL/CB/32B
Biochemistry	Serum	Lactate dehydrogenase (LDH)	Lactate to pyruvate(NADH) (Cobas pro, 293-06)	SOP AAL/CB/23 B
Biochemistry	Serum	Lipase	Enzymatic DRG-3GAE Substrate (Cobas pro, 293-06)	SOP AAL/CB/21 B

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Biochemistry	Serum	Magnesium	Colorimetric endpoint method (Cobas pro, 293-06)	SOP AAL/CB/22 B
Biochemistry	Serum	Zinc	Photometry (Cobas pro, 293-06)	SOP AAL/CB/84 B
Biochemistry	Serum	Copper	Direct Colorimetric (Cobas pro, 293-06)	SOP AAL/CB/83 B
Biochemistry	Serum	Potassium	Ion selective electrode (ISE) Indirect (Cobas pro, 293-06)	SOP AAL/CB/125 B
Biochemistry	Serum	Total Protein	Colorimetric -Biuret (Cobas pro, 293-06)	SOP AAL/CB/24 B
Biochemistry	Serum	Sodium	Ion selective electrode (ISE) Indirect (Cobas pro, 293-06)	SOP AAL/CB/125 B
Biochemistry	Serum	Osmolality	Calculation Based on Na, BUN, Glucose (Cobas pro, 293-06)	SOP AAL/CB/30 B
Biochemistry	Serum	Transferrin	Immunoturbidimetric (Cobas pro, 293-06)	SOP AAL/CB/73 B
Biochemistry	Serum	Transferrin Saturation	Calculation Based on Transferrin & Iron (Cobas pro, 293-06)	SOP AAL/CB/73B
Biochemistry	Serum	Triglycerides	Enzymatic Glycerol Phosphate Oxidase (Cobas pro, 293-06)	SOP AAL/CB/29 B
Biochemistry	Serum	Urea	Urease/GLDH (Cobas pro, 293-06)	SOP AAL/CB/30B

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Biochemistry	Serum	Uric acid	Uricase Cobas pro, 293-06)	SOP AAL/CB/31B
Biochemistry	Serum	Ferritin	ECLIA (Cobas pro, 293-06)	SOP AAL/CB/123B
Biochemistry	Serum	Folic acid	ECLIA (Cobas pro, 293-06)	SOP AAL/CB/110B
Biochemistry	Serum	Vitamin B 12	ECLIA (Cobas pro, 293-06)	SOP AAL/CB/104 B
Biochemistry	Serum	ImmunoglobulinA (IgA)	Immunoturbidimetric (Cobas pro, 293-06)	SOP AAL/CB/70B
Biochemistry	Serum	Immunoglobulin E (IgE)	CLIA (Immulate K4634) P6664	SOP AAL/CB/66
Biochemistry	Serum	Immunoglobulin G (IgG)	Immunoturbidimetric (Cobas pro, 293-06)	SOP AAL/CB/72 B
Biochemistry	Serum	Immunoglobulin M (IgM)	Immunoturbidimetric (Cobas pro, 293-06)	SOP AAL/CB/71 B
Biochemistry	Serum	FSH	ECLIA (Cobas pro, 293-06)	SOP AAL/CB/45 B
Biochemistry	Serum	Free T3	ECLIA (Cobas pro, 293-06)	SOP AAL/ CB /76 B
Biochemistry	Serum	Free T4	ECLIA (Cobas pro, 293-06)	SOP AAL/ CB /120 B
Biochemistry	Serum	TSH	ECLIA (Cobas pro, 293-06)	SOP AAL/ CB /41 B
Biochemistry	Serum	T3 Total	ECLIA (Cobas pro, 293-06)	SOP AAL/ CB /118B
Biochemistry	Serum	T4 Total	ECLIA (Cobas pro, 293-06)	SOP AAL/CB/119 B

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Biochemistry	Serum	Growth Hormone (hGH)	CLIA (Immulite K4634)P6664	SOP AAL/ CB /112
Biochemistry	Serum	HCG,Total	CLIA (Immulite K4634)P6664	SOP AAL/ CB /44
Biochemistry	Serum	Total Beta HCG	ECLIA (Cobas pro, 293- 06)	SOP AAL/ CB /43 B
Biochemistry	Serum	Prolactin	ECLIA (Cobas pro, 293- 06)	SOP AAL/ CB /49 B
Biochemistry	Serum	Total PSA	ECLIA (Cobas pro, 293- 06)	SOP AAL/ CB /124 B
Biochemistry	Serum	Free PSA	ECLIA (Cobas pro, 293- 06)	SOP AAL/ CB /35 B
Biochemistry	Serum	Cortisol	CLIA (Immulite K4634) P6664	SOP AAL/ CB /56
Biochemistry	Serum	Insulin level	ECLIA (Cobas pro, 293- 06)	SOP AAL/CB/116 B
Biochemistry	Serum	C-Peptide	CLIA (Immulite K4634)P6664	SOP AAL/CB/91
Biochemistry	Serum	Luteinising Hormone	ECLIA (Cobas pro, 293- 06)	SOP AAL/ CB /46B
Biochemistry	Serum	Oestradiol	ECLIA (Cobas pro, 293- 06)	SOP AAL/CB/47 B
Biochemistry	Serum	Estriol	CLIA (Immulite K4634)P6664	SOP AAL/CB/74
Biochemistry	Serum	Progesterone	ECLIA (Cobas pro, 293- 06)	SOP AAL/CB/48 B
Biochemistry	Serum	DHEA-SO4	ECLIA (Cobas pro, 293- 06)	SOP AAL/CB/139 B

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Biochemistry	Serum	17OH-Progesterone	ELISA (MANUAL)	SOP AAL/CB/53
Biochemistry	Serum	Vitamin D Total	ECLIA (Cobas pro, 293-06)	SOP AAL/CB/78 B
Biochemistry	Serum	Alpha FetoProtein (AFP)	CLIA (Immulate K4634)P6664	SOP AAL/CB/64
Biochemistry	Serum	(Cancer Anti) CA 12-5 (Tumour marker)	ECLIA (Cobas pro, 293-06)	SOP AAL/CB/62 B
Biochemistry	Serum	(Cancer Anti) CA 19-9 (Tumour Marker)	ECLIA (Cobas pro, 293-06)	SOP AAL/CB/61 B
Biochemistry	Serum	Carcino Embryonic Antigen (CEA)	ECLIA (Cobas pro, 293-06)	SOP AAL/CB/63 B
Biochemistry	Serum	(Cancer Anti) CA 15-3	ECLIA (Cobas pro, 293-06)	SOP AAL/CB/105 B
Biochemistry	Serum	Sex Hormone Binding Globulin (SHBG)	ECLIA (Cobas pro, 293-06)	SOP AAL/CB/138 B
Biochemistry	Serum	Total Testosterone	ECLIA (Cobas pro, 293-06)	SOP AAL/CB/135B
Biochemistry	Serum	Free Testosterone	ELISA (Biotek SN.1402259)	SOP AAL/CB/51
Biochemistry	Serum	FAI (Free Androgen Index)	Calculation Based on Total testosterone & SHBG ECLIA (Cobas pro, 293-06)	SOP AAL/CB/135 B SOP AAL/CB/138 B
Biochemistry	Serum/Flouride Plasma	Glucose	HK/G-6-PDH ECLIA (Cobas pro, 293-06)	SOP AAL/CB/13 B

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Biochemistry	EDTA blood	Glycosylated haemoglobin (HbA1C)	TINIA(turbidimetric inhibition immunoassay) ECLIA (Cobas pro, 293- 06)	SOP AAL/CB/69 B
Biochemistry	Serum	Tacrolimus	ECLIA ECLIA (Cobas pro, 293-06)	SOP AAL/CB/113 B
Biochemistry	Urine	Calcium	NM-BAPTA (Cobas pro, 293-06)	SOP AAL/CB/06 B
Biochemistry	Urine	Phosphorus	Molybdate UV (Cobas pro, 293-06)	SOP AAL/CB/25 B
Biochemistry	Urine	Creatinine	Jaffe-Alkaline Picrate (Cobas pro, 293-06)	SOP AAL/CB/10B
Biochemistry	Urine	Microalbumin	Immunoturbidimetric (Cobas pro, 293-06)	SOP AAL/CB/26 B
Biochemistry	Urine	Protein total (quantitative)	Turbidimetric method- Benzethonium chloride (Cobas pro, 293-06)	SOP AAL/CB/33 B
Biochemistry	Urine	Urea	Urease/GLDH (Cobas pro, 293-06)	SOP AAL/CB/30 B
Biochemistry	Urine	Uric acid	Uricase (Cobas pro, 293- 06)	SOP AAL/CB/31 B
Biochemistry	Serum	Anti Phospholipid IgG	ELISA Manual	SOP AAL/SER/30
Biochemistry	Serum	Anti Phospholipid IgM	ELISA Manual	SOP AAL/SER/31
Biochemistry	Serum	Anti CCP	ECLIA (Cobas pro, 293- 06)	SOP AAL/SER/73 B
Biochemistry	Serum	Thyroid Microsomal Antibodies	ECLIA (Cobas pro, 293- 06)	SOP AAL/SER/78 B

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Biochemistry	Serum	Thyroglobulin Antibodies	ECLIA (Cobas pro, 293-06)	SOP AAL/SER/79 B
Biochemistry	Serum	Thyroglobulin	CLIA Immulite 2000xPi P6664	SOP AAL/CB/42
Biochemistry	Serum	Anti Transglutaminase IgG	ELISA CHORUS TRIO 2333	SOP AAL/SER/25
Biochemistry	Serum	Anti Transglutaminase IgA	ELISA CHORUS TRIO 2333	SOP AAL/SER/24
Biochemistry	Serum	Anti Cardiolipin IgG	ELISA CHORUS TRIO 2333	SOP AAL/SER/64
Biochemistry	Serum	Anti Cardiolipin IgM	ELISA CHORUS TRIO 2333	SOP AAL/SER/63
Serology	Serum	Chlamydia Ab IgM	ELISA (Manual) ELISA READER BIOTEK	SOP AAL/SER/32
Serology	Serum	Cytomegalo Virus IgG	ECLIA (Cobas pro 293-06)	SOP AAL/SER/09B
Serology	Serum	Cytomegalo Virus IgM	ECLIA (Cobas pro 293-06)	SOP AAL/SER/10B
Serology	Serum	Helicobacter pylori Antibody IgG	ELISA (Automated) CHORUS Trio 4725	SOP AAL/SER/19
Serology	Serum	Hepatitis A IgG Total	ECLIA (Cobas pro 293-06)	SOP AAL/SER/14B
Serology	Serum	HEPATITIS A IgM (HAV IgM)	ECLIA (Cobas pro 293-06)	SOP AAL/SER/01B
Serology	Serum	HEPATITIS B S Ag (HBsAg)	ECLIA (Cobas pro 293-06)	SOP AAL/SER/75B
Serology	Serum	Hepatitis B core Antibody (Total)	ECLIA (Cobas pro 293-06)	SOP AAL/SER/61B

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Serology	Serum	Hepatitis B core IgM	ECLIA (Cobas pro 293-06)	SOP AAL/SER/65B
Serology	Serum	Food Allergens test (20 Antigens); Egg white,egg yolk,cow's milk, chocolate, wheat flour, soya bean, Baker's yeast, nut mix2, peanut, orange, strawberry, banan, mango, tomato, carrot, onion, chicken, mutton/lamb, cpdfish & shrimp	Antigen Antibody reaction EUROBLOT 21120187	SOP AAL/ SER /77
Serology	Serum	Inhalant Allergens Test (20 Antigens): Timothy grass, cultivated rye, alder, birch, oak, olive tree, C.ragweed, mugwart, D.ptreo, D.farinae, cockroach, cat,dog, horse,camel, Pnatatum, C.herbarium, A.fumigatus, Candida albicans, A.alternata	Antigen Antibody reaction EUROBLOT 21120187	SOP AAL/ SER /76

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Serology	Serum	Anti Nuclear Antibody (ANA)	ELISA CHORUS TRIO 2333	SOP AAL/SER/27
Serology	Serum	Anti DNA (Double stranded) (dsDNA)	ELISA CHORUS TRIO 2333	SOP AAL/SER/26
Serology	Serum	Anti PR3 Antibodies	ELISA CHORUS TRIO 2333	SOP AAL/SER/50
Serology	Serum	Anti MPO Antibodies	ELISA CHORUS TRIO 2333	SOP AAL/SER/51
Serology	Serum	Anti Gliadin antibodies IgG	ELISA CHORUS TRIO 2333	SOP AAL/SER/23
Serology	Serum	Anti Gliadin antibodies IgA	ELISA CHORUS TRIO 2333	SOP AAL/SER/22
Serology	Serum	ASCA (Antibodies to Saccharomyces cerevisiae) IgG	ELISA CHORUS TRIO 2333	SOP AAL/SER/53
Serology	Serum	ASCA (Antibodies to Saccharomyces cerevisiae) IgA	ELISA CHORUS TRIO 2333	SOP AAL/SER/52
Serology	Serum	Hepatitis B surface (HBs) antibody	ECLIA (Cobas pro 293- 06)	SOP AAL/SER/80 B
Serology	Serum	Hepatitis B e Antigen	ECLIA (Cobas pro 293- 06)	SOP AAL/SER/06B
Serology	Serum	Hepatitis B e Antibody	ECLIA (Cobas pro 293- 06)	SOP AAL/SER/04B
Serology	Serum	Hepatitis C Antibody (HCV)	ECLIA (Cobas pro 293- 06)	SOP AAL/SER/13B

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Serology	Serum	HERPES SIMPLEX I IgG	ECLIA (Cobas pro 293-06)	SOP AAL/SER/86B
Serology	Serum	HERPES SIMPLEX II IgG	ECLIA (Cobas pro 293-06)	SOP AAL/SER/ 40B
Serology	Serum	HIV I & II + P24 ANTIGEN	ECLIA (Cobas pro 293-06)	SOP AAL/SER/07B
Serology	Serum	Infectious Mononucleosis Antibody	Latex Agglutination	SOP AAL/SER/43
Serology	Serum	Mycoplasma pneumoniae antibodies IgG	ELISA (Automated) CHORUS trio 4725	SOP AAL/SER/15
Serology	Serum	Mycoplasma pneumoniae antibodies IgM	ELISA (Automated) CHORUS Trio 4725	SOP AAL/SER/16
Serology	Serum	RPR (SYPHILIS TEST)	Carbon Agglutination	SOP AAL/SER/47
Serology	Serum	Rubella antibodies IgG	ECLIA (Cobas pro 293-06)	SOP AAL/SER/ 66B
Serology	Serum	Rubella antibodies IgM	ECLIA (Cobas pro 293-06)	SOP AAL/SER/08B
Serology	Serum	TOXOPLASMA IgG	ECLIA (Cobas pro 293-06)	SOP AAL/SER/12B
Serology	Serum	TOXOPLASMA IgM	ECLIA (Cobas pro 293-06)	SOP AAL/SER/11B
Serology	Serum	TPHA,TITRE (SYPHILIS TEST)	Microhaemagglutination	SOP AAL/SER/42
Serology	Serum	Varicella Zoster Antibody IgG (VZV)	ELISA (Automated) CHORUS Trio 4725	SOP AAL/SER/17

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Serology	Serum	Varicella Zoster Antibody IgM (VZV)	ELISA (Automated) CHORUS Trio 4725	SOP AAL/SER/18
Serology	Serum	WIDAL Test	AGGLUTINATION	SOP AAL/SER/45
Microbiology	Sputum	Acid Fast Stain	Ziehl Neelsen Staining Manual Procedure	SOP AAL/MB/01
Microbiology	Sputum	Aerobic Culture & Antibiotic Sensitivity	Aerobic Culture, Identification by API and AST by Disk diffusion method,Manual Procedure	SOP AAL/MB/15
Microbiology	Blood	Aerobic Culture & Antibiotic Sensitivity	Hi Safe Blood Culture system (Manual) Manual Procedure	SOP AAL/MB/04
Microbiology	Body Fluid	Aerobic Culture & Antibiotic Sensitivity	Aerobic Culture, Identification by API and AST by Disk diffusion method ,Manual Procedure	SOP AAL/MB/05
Microbiology	Body Fluid	Grams' Staining	Microscopy Manual Procedure	SOP AAL/MB/02
Microbiology	Eye Swab	Aerobic Culture & Antibiotic Sensitivity	Aerobic Culture, Identification by API and AST by Disk diffusion method,Manual Procedure	SOP AAL/MB/08

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Microbiology	Ear Swab	Aerobic Culture & Antibiotic Sensitivity	Aerobic Culture, Identification by API and AST by Disk diffusion methodManual Procedure	SOP AAL/MB/07
Microbiology	Throat swab	Aerobic Culture & Antibiotic Sensitivity	Aerobic Culture, Identification by API and AST by Disk diffusion method,Manual Procedure	SOP AAL/MB/17
Microbiology	Throat swab	Strept. Gr.A Antigen detection	Immunochromato-graphy Rapid test	SOP AAL/MB/31
Microbiology	Urethral swab	Aerobic Culture & Antibiotic Sensitivity	Aerobic Culture, Identification by API and AST by Disk diffusion methodManual Procedure	SOP AAL/MB/18
Microbiology	HVS	Aerobic Culture & Antibiotic Sensitivity	Aerobic Culture, Identification by API and AST by Disk diffusion method,Manual Procedure	SOP AAL/MB/10

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Microbiology	Nasopharyngeal	Aerobic Culture & Antibiotic Sensitivity	Aerobic Culture, Identification by API and AST by Disk diffusion method,Manual Procedure	SOP AAL/MB/11
Microbiology	Semen	Aerobic Culture & Antibiotic Sensitivity	Aerobic Culture, Identification by API and AST by Disk diffusion method,Manual Procedure	SOP/AAL/MB/13
Microbiology	Stool	Aerobic Culture & Antibiotic Sensitivity	Aerobic Culture, Identification by API and AST by Disk diffusion method,Manual Procedure	SOP AAL/MB/16
Clinical Pathology	Stool	Calprotectin	ELISA (Manual)	SOP AAL/SER/59
Microbiology	Stool	Rota virus detection	Latex Agglutination and card test Rapid test	SOP AAL/MB/36
Clinical Pathology	Stool	Fecal occult blood	Chromatographic immunoassay Rapid test	SOP AAL/MB/43
Microbiology	Stool	Colour	Macroscopy Manual Procedure	SOP AAL/MB/41

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Microbiology	Stool	Consistency	Macroscopy Manual Procedure	SOP AAL/MB/41
Microbiology	Stool	Blood	Macroscopy Manual Procedure	SOP AAL/MB/41
Microbiology	Stool	Mucus	Macroscopy Manual Procedure	SOP AAL/MB/41
Microbiology	Stool	Pus Cells (Leucocytes)	Microscopy (direct, not concentrated) Manual Procedure	SOP AAL/MB/41
Microbiology	Stool	RBC's	Microscopy (direct, not concentrated) Manual Procedure	SOP AAL/MB/41
Microbiology	Stool	Epithelial Cells	Microscopy (direct, not concentrated) Manual Procedure	SOP AAL/MB/41
Microbiology	Stool	Cysts	Microscopy (direct, not concentrated) Manual Procedure	SOP AAL/MB/41
Microbiology	Stool	Ova	Microscopy (direct, not concentrated) Manual Procedure	SOP AAL/MB/41
Microbiology	Stool	Parasites	Microscopy (direct, not concentrated) Manual Procedure	SOP AAL/MB/41
Microbiology	Stool	Prtotozoa	Microscopy (direct, not concentrated) Manual Procedure	SOP AAL/MB/41

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Microbiology	Stool	Worms	Microscopy (direct, not concentrated) Manual Procedure	SOP AAL/MB/41
Microbiology	Stool	Indigestive material	Microscopy (direct, not concentrated) Manual Procedure	SOP AAL/MB/41
Microbiology	Stool	Yeast Cells	Microscopy (direct, not concentrated) Manual Procedure	SOP AAL/MB/41
Microbiological	Urethral swab, HVS, Urine	Chlamydia direct antigen	Lateral flow immunoassay Rapid test	SOP AAL/MB/34
Microbiological	Pus	Aerobic Culture & Antibiotic Sensitivity	Aerobic Culture, Identification by API and AST by Disk diffusion method Manual Procedure	SOP AAL/MB/12
Microbiological	Urine	Aerobic Culture & Antibiotic Sensitivity	Aerobic Culture, Identification by API and AST by Disk diffusion method Manual Procedure	SOP AAL/MB/19
Clinical Pathology	Urine	Colour Appearance	Light Scatter	SOP AAL/MB/38 B
Clinical Pathology	Urine	Pus Cells (Leucocytes)	Flow Digital Imaging /Microscopy	SOP AAL/MB/38B
Clinical Pathology	Urine	RBC's	Flow Digital Imaging /Microscopy	SOP AAL/MB/38B

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Clinical Pathology	Urine	Epithelial Cells	Flow Digital Imaging /Microscopy	SOP AAL/MB/38B
Clinical Pathology	Urine	Bacteria	Flow Digital Imaging /Microscopy	SOP AAL/MB/38B
Clinical Pathology	Urine	Yeast Cells	Flow Digital Imaging /Microscopy	SOP AAL/MB/38B
Clinical Pathology	Urine	Trichomonas Vaginalis	Flow Digital Imaging /Microscopy	SOP AAL/MB/38B
Clinical Pathology	Urine	Mucus Threads	Flow Digital Imaging /Microscopy	SOP AAL/MB/38B
Clinical Pathology	Urine	Crystals	Flow Digital Imaging /Microscopy	SOP AAL/MB/38B
Clinical Pathology	Urine	Casts	Flow Digital Imaging /Microscopy	SOP AAL/MB/38B
Clinical Pathology	Urine	Specific Gravity	Refractrometry	SOP AAL/MB/38 B
Clinical Pathology	Urine	pH	Litmus reaction,pH Indicator/Reflectance	SOP AAL/MB/38 B
Clinical Pathology	Urine	Glucose	Enzymatic.Reaction/Refle ctance	SOP AAL/MB/38 B
Clinical Pathology	Urine	Ketone	Legal's method	SOP AAL/MB/38 B
Clinical Pathology	Urine	Protein	Dye Binding	SOP AAL/MB/38 B
Clinical Pathology	Urine	Blood	Peroxidase Activity/Reflectance	SOP AAL/MB/38 B
Clinical Pathology	Urine	Bilirubin	Acidified diazo Coupling	SOP AAL/MB/38 B
Clinical Pathology	Urine	Urobilinogen	Buffered Daizo Coupling	SOP AAL/MB/38 B
Clinical Pathology	Urine	Nitrite	Modified Gries Reaction	SOP AAL/MB/38 B
Clinical Pathology	Urine	Leucocytes	Enzymatic.Reaction/Refle ctance	SOP AAL/MB/38 B