

LIST OF TESTS FOR OUTPATIENTS

Sistema Socio Sanitario



Regione
Lombardia
ASST Valcamonica

TESTS PERFORMED ON THE PREMISES	NOTES
Blood gas test	This test is not performed on Saturdays
Venous blood gas test	
Haemochrom cytometric test	
Reticulocytes	
Plasmodium Malaria: microscopic detection thin and thick blood smear	
ESR - Erythrocyte sedimentation rate	
Prothrombin Time (PT)	
Partial Thromboplastin Time (PTT)	
Fibrinogen	
D-Dimer	
Functional antithrombin	
Glucose (Blood Sugar)	
Post-meal glucose	This test is not performed on Saturdays
Glucose concentration curve, 3 hours	This test is not performed on Saturdays
Glucose concentration curve 75 grams, 30 minutes	This test is not performed on Saturdays
Glucose concentration curve in Pregnancy (75 grams, 60 minutes)	This test is not performed on Saturdays
Urea (Azotemia)	
Bicarbonate (hydrogen carbonate)	
Uric acid (Uricemia)	
Sodium	
Potassium	
Chlorine	
Calcium	
Inorganic phosphate	
Magnesium	
Alkaline phosphatase	
Amylase - Diastase	
Lipase	
Gamma Glutamyl Transpeptidase (GGT)	
Bile Acids	
AST / SGOT	
ALT / SGPT	
Ammonium	
Cholinesterase	
Total protein content	
Cholesterol	
Triglycerides	
HDL-cholesterol	
Lactic dehydrogenase - LDH	
CK (Creatine kinase)	
Iron	
Lactic acid (Lactates)	This test is performed only in Esine
BNP (B-type natriuretic peptide)	
Procalcitonin	
Interleukin 6 (IL-6)	
CK mass	
Creatinine clearance	
24-hour urine creatinine	
Random urine creatinine	
Urinary proteins: 12-hour Proteinuria (Upright and Supine Positions)	
Urinary proteins (random sample)	
24-hour glucose in urine (Glycosuria)	
Amylase in urine (Amylasuria)	
24-hour sodium in urine	
Sodium in urine (random sample)	
24-hour potassium in urine	
Random potassium in urine	
24-hour chloride in urine	
Randon chloride in urine	
24-hour urea in urine	
Uric acid in urine (Uricosuria)	
Calcium in urine (Calciuria)	
Phosphorous in urine	
24-hour magnesium in urine	
Digoxin (Digitalis)	
Carbamazepine (Tegretol)	
Valproic acid (Depakin)	
Litium	

Ethanol (Blood alcohol level)	
Chemical-physical and microscopic test of urine	
Cytofluorimetry examination of urine (urinary sediment examination)	
Urinary stones test	
Addis Count	
Pregnancy Test: chorionic gonadotropin urine test	
Serum electrophoresis	
Immunofixation serum	
Electrophoresis urinary proteins	
Immunofixation urine test - Bence Jones	
Alpha-1-acid glycoprotein	
C-reactive protein (CRP): (quantitative dosage)	
Antistreptolysin titer (ASO)	
Rheumatoid factor (RF test)	
Immunoglobulins - IgG, IgA and IgM	
C3 and C4 complement	
Serum albumin	
Microalbuminuria (Albuminuria) in morning urine	
Beta-2 Microglobulin	
HBsAg	
HBeAg	
HBcAb (Anti-HBc antibodies)	
HBV Anti Core IgM (HBcAb IgM)	
HBeAb (Anti-Hbe antibodies)	
HBsAb (Anti - HBs antibodies)	
Anti-HCV antibodies	
HIV 1/2 antigen/antibodies	
Treponema Pallidum: detection of antibodies (E.I.A.) (Syphilis)	
Treponema Pallidum: anti-cardiolipin antibodies qualitative VDRL/RPR	
Carcinoembryonic antigen - CEA	
Alpha-fetoprotein	
CA 125	
CA 15.3	
CA 19.9	
PSA (Prostate-specific antigen). Possible dosage of free fraction included	
Ferritin	
Folic acid (Folates)	
Vitamin B12 (Cobalamin)	
Homocysteine	
Glycated hemoglobin	
Hemoglobin A2	
Fetal hemoglobin	
Abnormal hemoglobins	
Epstein-Barr Virus: Mono test (MNI test /Rapid mononucleosis test)	
Anti-EBV IgG and IgM antibodies	
Toxoplasma antibodies IgG, IgM (possible Avidity IgG, IgA, Immunoblotting included)	
Rubella Virus IgG and IgM for suspected acute infection or immune status in pregnancy	
Anti-Citomegalovirus antibodies IgG, IgM antibodies and avidity	
Anti-Nuclear Antibodies (ANA-ANF)	
Anti-Centromere antibodies (ACA)	
Anti-Mitochondrial antibodies (AMA)	
Anti-smooth Muscle antibodies (ASMA)	
Anti-LKM antibodies (liver/kidney microsomal)	
Anti-gastric parietal cells antibodies (APCA)	
Anti-Microsomal antibodies thyroid (anti-TPO/ anti thyroid peroxidase))	
Anti-Thyroglobulin antibodies (anti-TG)	
IgA anti-Gliadin antibodies (Deamidated peptides)	
IgG anti-deamidated gliadin antibodies	
IgA anti-Endomysium antibodies	
IgA anti-Transglutaminase antibodies	
Anti-Transglutaminase antibodies IgA reflex. IgA dosage and possible other tests included	
Cryoglobulins: detection and dosage	
Anti-cyclic citrullinated peptide antibodies (CCP)	
Anti-native DNA antibodies	
Anti-ENA antibodies (screening for Ro/SSA, La/SSB, RNP, Sm, Scl-70, Jo1)	
Anti-Cardiolipin antibodies IgG, IgM	
Anti-Phospholipids antibodies: Beta 2-Glycoprotein I IgG, IgM	
Total IgE	
Specific IgE	
FT3 (free T3)	
FT4 (free T4)	
TSH	
Thyrotropin Reflex (TSH-R) TSH. Possible FT4 and FT3 dosage included	
LH	
LH seriated doses	
FSH	
FSH seriated doses	

Prolactin	
Prolactin 2° sample collection	
Prolactin seriated doses	
Estradiol	
Progesterone	
Testosterone	
Cortisol (basal sample collection at 8 a.m.)	
Cortisol evening	
24-hour urinary cortisol	
Insulin	
Insulin response curve after glucose load	This test is not performed on Saturdays
Parathyroid hormone intact - PTH	
Vitamin D	
Beta HCG (Beta subunit and whole molecule)	
Urine culture possible identification and antibiogram included	
Stool culture (Stool test, detection of Salmonella, Shigella and Campylobacter) (Possible identification and antibiogram included)	
Stool test	
Sputum culture test	
Bronchoaspiration culture test	
Culture test Streptococcus Pyogenes in Pharyngeal Swab (Possible identification and antibiogram included)	
Culture test on pharyngeal swab. Possible ident./antibiogram included	
Culture test on samples from oral cavity excluding detection of Neisseria Meningitidis (Possible identification and antibiogram included)	
Corynebacterium Diptheriae: Culture test (pharyngeal swab)	
Bacteria in different biological specimens microscopic detection (on Urethral Swab)	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Culture test on Urethral Swab	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Bacteria in different biological specimens microscopic detection (on Vaginal Swab)	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Culture test on Vaginal Swab (bacteria and yeasts included)	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Culture test on Balano-Preputial Swab	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Bacteria in different biological specimens microscopic detection (on Endocervical Swab)	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Streptococcus Agalactiae in Vaginal and rectal Swab: Culture Test	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Streptococcus Agalactiae in the Vaginal and Rectal Swab: Culture Test	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Semen culture test	
Culture test: Surgical wound material	
Culture test: pressure sore swab	
Culture test: Ulcer material	
Culture test: Fistula material	
Culture test on Lingual Swab (Possible identification and antibiogram included)	
Culture test purulent exudate	
Culture Test on Auricular Swab	
Culture Test on Conjunctival Swab	
Culture test on Nasal Swab	
Culture test on Skin Swab	
Culture test drainage material	
Culture test of anaerobic bacteria in biological material	
Culture test for Mycetes in different biological samples	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Mycetes: microscopic detection in different biological samples	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Stool: physical-chemical and microscopic test (fats, digestion products)	
Fecal hemoglobin (FOBT/ Fecal occult blood test)	
Helicobacter Pylori - Antigen in stool (HPY)	
Rotavirus: Direct Detection of Antigens in Biological Material by E.I.A.	
Enterobius Vermicularis: pinworm detection (Scotch test on perianal material)	
Intestinal parasites microscopic detection after concentration on feces	
Clostridium Difficile Detection (Ag.GDH)	
Cryptosporidium oocyst detection in feces (microscopic test after special staining)	
Streptococcus Pneumoniae Antigens in Urine Direct Detection	
Legionella Antigen in urine	
Mycoplasma pneumoniae: IgM antibody detection (rapid method)	
HCV RNA Quantitative	
HCV RNA Genotype	
HBV DNA Quantitative	
Creatinine	
Hemoculture (Blood culture test)	
Hemochromatosis test with formula	
Culture test for Neisseria Gonorrhae on endocervical swab	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Urogenital mycoplasmas culture test on Cervical swab (identification and antibiogram included)	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Culture test for Neisseria gonorrhoeae on urethral swab	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Urogenital mycoplasmas culture test on urethral swab (identification and antibiogram included)	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Protein in 24-hour Urine	
LDL Cholesterol	
Carboxyhemoglobin (COHb)	
Methemoglobin	
Ionized Calcium (ph 7,4)	

MICROSCOPIC TEST OF PERIPHERAL BLOOD; characterization of pathological cells (with cytochemical and cytoenzymatic reactions)	
Malaria Plasmodium: Direct Antigen Detection	
Glucose (for diagnosis of Diabetes)	
Phosphorus	
Total Reflex Bilirubin (possible determination of Fractional Bilirubin included)	
High-sensitivity troponin I (hs-TnI)	
Total Transferrin	
Unsaturated and total transferrin	
IgG anti-Transglutaminase antibodies	
Cryoglobulin typing	
Anti-SSA antibodies (Ro) (one of the anti-ENA antibodies)	
Anti-SSB (La) antibodies (one of the anti-ENA antibodies)	
Anti-RNP (Ribonucleoproteins, U1RNP) antibodies (one of the anti-ENA antibodies)	
Anti-Sm (SMD) antibodies (one of the anti-ENA antibodies)	
Anti-Scl-70 antibodies (one of the anti-ENA antibodies)	
Anti-Jo 1 antibodies (one of the anti-ENA antibodies)	
Chlamydia on Urine (for male/female urethritis) (with nucleic acid extraction)	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Chlamydia on Endocervical swab (Nucleic acids in biological material by hybridization after PCR)	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Chlamydia on Vaginal swab (Nucleic acids in biological material by hybridization after PCR)	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Mycological test on hairs	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Mycological examination on hair	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Mycological test on skin scales	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Mycological test on nail fragments	This test can be performed in Esine Wednesdays and Fridays at 10 a.m.
Adenovirus: Direct Detection of Antigens in Biological Material by E.I.A.	
Toxigenic Clostridium difficile (real time PCR method)	
Mycoplasma Pneumoniae nucleic Acids detection (DNA)	
TESTS SENT IN SERVICE	
CH50 (total complementary hemolytic activity)	
C1s Inhibitor	
C1q Complement	This test can be performed on Mondays, Wednesdays and Fridays.
ANCA (anti-neutrophil cytoplasmic antibodies)	
Anti myeloperoxidase (MPO) antibodies ANCA specificity	
Anti proteinase 3 (PR3) antibody ANCA specificity	
Anti-Saccharomyces cerevisiae antibodies (ASCA) IgG	
Anti-Glomerular Basement Membrane antibodies	
Anti Adrenal Cortex Antibodies	
Anti-Desmoglein 1 Antibodies (PEMFIGO)	
Anti-Desmoglein 3 Antibodies (PEMFIGO)	
Anti-BP 180 (Pemphigoid) Antibodies	
Anti-BP 230 (Pemphigoid) Antibodies	
Salivary IgA (secretory)	
Low-resolution HLA-DRB, genomic typing (HLA-II class NOT for celiac disease)	
High-resolution HLA-DQA1 genomic typing (for celiac disease)	
High-resolution HLA-DQB1 genomic typing (for celiac disease)	
Alkaline phosphatase isoenzyme bone	
Type I Collagen C-Terminal Telopeptide (CTX-I)	
Anti-Mullerian Hormone (AMH) (test to assess ovarian failure)	
Free beta HCG	This test can be performed in Esine on Mondays, Wednesdays and Fridays.
Pregnancy-Associated Plasma Protein (PAPPA)	This test can be performed in Esine on Mondays, Wednesdays and Fridays.
PHI Prostate Health Index	
HE4 (Human Epididymis Protein 4) (Ovarian cancer marker)	
NT-pro BNP (N-term B Natriuretic propeptide)	
Anti-Brain Ri Antibodies	
Ceruloplasmin	
Haptoglobin	
Alpha-1 Antitrypsin	
Beta2-Microglobulin in urine	
Apolipoprotein A1	
APO E polymorphism analysis	
Tryptase	
IAC (Lupus Anticoagulant)	
Glucose 6 Phosphate Dehydrogenase	
17-OH Progesterone	
Free dehydroepiandrosterone (sulfate free, DEA)	
DHEA-S (DHEA-sulfate)	
Androstenedione (Delta 4)	
Free testosterone	
Osteocalcin	
Calcitonin	
Gastrin	
ACE (Angiotensin Converting Enzyme)	
Aldosterone	
Aldosterone in urine	
Renin in orthostatism and clinostatism	

ACTH (Adrenocorticotrophic hormone)	
GH	
Somatomedin C (IGF I)	
Insulinlike GF Binding Protein 3	
Vanillylmandelic Acid	
5 OH-Indolacetic Acid	
Urinary catecholamines (separate dose of adrenaline + noradrenaline)	
Urinary Metanephrines	
Erythropoietin	
Neuron-specific Enolase (NSE)	
Chromogranin A (CGA)	
TPA (Tissue Polypeptide Antigen)	
Quantification of JAK2 V617F Mutation	This test can be performed on Mondays, Wednesdays and Fridays.
Amikacin first determination	
Amikacin second determination	
Cyclosporine (before intake)	
Cyclosporine (2h after intake)	
FK506 (Tacrolimus)	
Sirolimus	
Diphenylhydantoin (Dilantin or Phenytoin)	
Everolimus (RAD)	
Ethosuximide	
Lamotrigine	
Topiramate	
Levetiracetam	
Oxcarbazepine	
Theophylline	
Tricyclic antidepressants / Amitriptyline (TCAs)	
Vancomycin	
Teicoplanin	
Phenobarbital (Gardenal)	
Thyroglobulin	
Anti TSH Receptor Antibodies	
Anti-GAD Antibodies (Anti Glutamic Acid Decarboxylase)	
Anti-muscle nicotinic receptor antibodies (acetylcholine receptor)	
Anti-Brain Hu Antibodies	
Anti-Brain Yo Antibodies	
IgG Antibodies anti Gangliosides GM1	
Anti CV2 antibodies	
Anti-Amphiphysin antibodies	
Myelin-Associated Anti-Glycoprotein Antibodies (anti MAG)	
Anti-GQ1B Ganglioside IgG Antibodies	
Muscle-specific anti-Tyrosine kinase antibodies (anti MuSK)	
IgG Antibodies anti-GM2-Ganglioside	
Anti-GD1A Gangliosides antibodies (IgM/IgG)	
Neuromyelitis optica antibodies in serum	
Cis-platinum	
Copper	
Copper in urine	
Urinary chromium	
Cadmium	
Chromium	
Urinary phenol	
Urinary nickel	
Iodine in urine (Ioduria)	
Urinary manganese	
Urinary hippuric acid	
Urinary methylhippuric acid	
Urinary hydroxypyrene	
Urinary thiocyanates	
Lead	
Zinc protoporphyrins	
Zinc	
Porphyryns (Qualitative and quantitative detection) in urine	
Desialylated transferrin (CDT)	
Precipitins (Precipitating Antibodies)	
Anti-Amoeba antibodies (anti - Entamoeba histolytica)	
Anti-Aspergillus antibodies (MYCETES ANTIBODIES)	
Anti-Bartonella IgG antibodies	
Anti-Borrelia burgdorferi IgG, IgM antibodies	
Anti-Chlamydia Pneumoniae IgG antibodies	
Anti-Chlamydia Pneumoniae IgM antibodies	
Anti-Chlamydia Trachomatis IgG antibodies	
Anti-EBV EA antibodies	
Anti-EBV EBNA antibodies	
Anti-Echinococcus antibodies	
Anti-Echovirus IgG antibodies	

Anti-Herpes Simplex Virus 1 IgG antibodies	
Anti-Herpes Simplex Virus 2 IgG antibodies	
Anti-Influenza A virus IgG antibodies	
Anti-Legionella Pneumophila IgG and IgM antibodies	
Anti-Leishmania antibodies	
Anti-Listeria antibodies	
Anti-mycoplasma IgG antibodies	
Anti-Measles IgG, IgM antibodies	
Anti-Parainfluenza virus IgG antibodies	
Anti-Parotitis IgG, IgM antibodies	
Anti-Parvovirus IgG, IgM antibodies	
Anti-Bordetella Pertussis IgG antibodies	
Anti-Bordetella Pertussis IgM, IgA antibodies	
Anti-Respiratory Syncytial Virus IgG antibodies	
Anti-Tetanus Toxin antibodies	
Anti-Varicella-Zoster virus IgG, IgM antibodies	
Anti-Herpes Virus 8 antibodies	
Anti-HTLV 1/2 antibodies	
Toxoplasma IgG, IgM antibodies - (possible Avidity IgG, IgA, Immunoblotting included)	
Rubella IgG Avidity	
FTA – ABS ANTIBODIES	
CMV Rapid Insulation	This test can be performed in Esine on Wednesdays, except on days before holidays.
Quantitative CMV PCR (DNA)	
Fecal calprotectin	
HAV IgG (Anti-HAV total antibodies)	
HAV IgM (Anti-HAV IgM antibodies)	
HBsAg confirmatory test (Au T antigen confirmatory test)	
Hepatitis DELTA Virus (HDV) Total antibodies	
HBV-drug resistance	
Hepatitis C Virus (HCV) Confirmatory test	
Quantitative HIV RNA	
Nucleic acids Hepatitis E Virus, qualitative by PCR	
IGG Subclass 1, 2,3 and 4	
HLA-B genomic typing (includes HLA B27)	
Genomic typing HLA-A	
Genomic typing HLA-C	
Subpopulations typing of blood cells (LYMPHOCYTES) (for each antibody): CD2, 14, 24, 25, 3, 4, 5, 8,10, 16, 20,23, 45, 56, CDK, CDL and CDFMCF7	This test can be performed from Monday through Friday, except on days before holidays.
Culture of peripheral lymphocytes with PHA or other mitogens	
Urinary lysyl pyridinoline	
Kappa and Lambda free light chains on serum	
Apolipoprotein B (APO B)	
Detection of DPYD gene polymorphisms (Dihydropyrimidine dehydrogenase)	
Analysis of p53 mutations	This test can be performed in Esine on Thursdays
FISH (in situ hybridization)	This test can be performed in Esine on Mondays, Wednesdays and Fridays.
Cell culture of specific tissues	
Free protein S	
Protein C	
Activated Protein C Resistance Test (APCR)	
Urinary Citrate	
Urinary Oxalate	
BCR/ABL rearrangement qualitative T test (9;22)	
Exon 12 JAK2 - detection of mutations	This test can be performed in Esine on Mondays, Wednesdays and Fridays.
FACTOR II MUTATIONS. Detection of G20210A mutation (Factor II LEIDEN including extraction)	
LEIDEN FACTOR V MUTATIONS. Detection of G1691A mutation (including extraction)	
Hemochromatosis mutations (HFE, includes extraction)	
Fragility of the X chromosome (FRAXA) Fragile X syndrome	
Cystic fibrosis CFTR gene mutation (first level test)	
MTHFR mutations (includes extraction)	
Clozapine drug dosage in chromatography	
Lacosamide	
Isavuconazole plasma	
Anti-GM1 Gangliosides IgM Antibodies	
ANTI-MYELIN OLIGODENDROCYTE GLYCOPROTEIN (MOG) ANTIBODIES	
IgM Antiganglioside GQ1B Antibodies	
Anti-ganglioside GM2 IgM Antibodies	
Anti-Ganglioside GD1B antibodies (IgM/IgG)	
Anti-Adenovirus IgG and IgM antibodies	
Mycetes Antigens (Galactomannan for ASPERGILLUS)	
Aspergillus Antigen (Galactomannan) on BAL	
Pneumocystis jiroveci molecular detection	
Anti-Bartonella IgM antibodies	
Anti-Borrelia IgM antibodies (immunoblotting confirmation test)	
Anti-Chlamydia Trachomatis IgA antibodies	
Anti-Coxsackie IgG and IgM antibodies	
Anti-Echovirus IgM antibodies	

Anti-Enterovirus IgG and IgM antibodies	
Herpes Virus 1 and 2: detection of IgG and IgM antibodies	
Anti-Leptospira IgM antibodies	
Anti-mycoplasma IgM antibodies	
Influenza A/H1N1 virus (detection of nucleic Acids on pharyngeal/nasal swab)	
TPHA (Treponema Pallidum Qualitative Test of Passive Hemagglutination)	
Salmonella and Brucella: Antibody titration according to Widal-Wright	
Anti-Rickettsiae IgG and IgM antibodies (for diagnosis of Maculosa, Bottonosa fevers)	
Anti-Coxiella Burnetii IgG and IgM antibodies (for diagnosis Q Fever)	
Viral nucleic acids (EBV Epstein-Barr Virus), with PCR	
JC Virus DNA (performed on plasma, CSF or urine)	
Mycobacteria (Koch's Bacillus) on Miscellaneous Biological Samples: microscopic detection	
Mycobacteria (Koch's Bacillus) on sputum and urine	
Quantiferon: single mitogen lymphocyte stimulation assay	This test can be performed in Esine on Mondays, Wednesdays and Fridays.
Quantiferon: lymphocyte stimulation test with specific antigens (QF TB)	This test can be performed in Esine on Mondays, Wednesdays and Fridays.
Pancreatic Elastase - Fecal	
HIV 1-2 Immunoblotting	
HIV-1 Resistance to RT and PR inhibitor drugs	
West Nile Virus detection of nucleic acids	
Dopamine 24-hour urine	
C-Peptide	
NOTES	
This test can be performed from Monday through Friday, except on days before holidays .	
This test can be performed in Esine on Mondays, Wednesdays and Fridays.	
This test can be performed in Esine on Wednesdays and Fridays at 10 a.m.	
This test can be performed on Mondays, Wednesdays and Fridays.	
This test can be performed in Esine on Wednesdays, except on days before holidays.	
This test can be performed in Esine on Thursdays	
This test is not performed on Saturdays	
This test is performed only in Esine	
Please contact the secretariat of the Analytical Laboratory for any information at 0364369342	