

List of New Tests

1. Fungi Panel

Already in the Lab:

In Serum

- Candida albicans IgG by IIF
- Candida albicans IgM by IIF
- Aspergillus fumigatus IgG by Elisa
- Aspergillus fumigatus IgM by Elisa

2. Parasites Panel

Already in the Lab:

In Serum (by Elisa)

- Echinococcus granulosus Abs (HAI) (Hydatid cyst)
- Shistosoma IgM, IgG
- Strongiloides stercoralis IgG
- Entamoeba histolytica Ab IgG
- Taenia solium IgG
- Toxocara canis IgG
- Trichinella spirallis IgG
- Ascaris IgG

On Blood Film

- Onchocercose (filaria): larva on blood film
- Babesia : on blood film
- Plasmodium: on blood film and by rapid test

In Stool

Parasites:

- Ancylostome: no serology only 3 stool analysis with 3 to 4 days between each stool sample
- Entamoeba histolytica Ag (in stool)
- Giardia lamblia screening Ag (in stool)

Bacteria:

- Helicobacter pylori Ag
- Clostridium difficile: GDH and toxins A and B
- Rotavirus and Adenovirus

Outside Lebanon:

- Fasciola hepatica Antibodies
- Onchocercose (filaria) Antibodies
- Ehrlichia Antibodies
- Anisakiasis Antibodies
- Babesia Antibodies

3. Special Tests (In the lab)

- Calprotectin Quantitative in stool
- Lactoferrin Qualitative in stool
- TB spot/ Quantiferon/ IGRA test (for latent TB)

By PCR:

- HLA DO2-DO8 for Celiac Disease
- HLA B27 for S.A. and Behcet Disease
- HLA B51 for Behcet Disease
- CIVD Panel: Factor V Leiden, Factor II mutations, MTHFR (677A, 1298C)
- HIV viral load
- Hepatitis C (HCV RNA)
- Hepatitis B (HBV DNA)
- BCR ABL for CML
- HPV
- STDs
- TB resistant to Rifampicin
- FMF

Electrophoresis:

- Total IgG, IgA, IgM, lambda and kappa chains
- Free light chains kappa and lambda in urine (BJP) and in serum
- Hb electrophoresis on Capillarys
- Protein electrophoresis in serum and urine on Capillarys

- Serum Immunotyping and Urine immunotyping on Capillars

4. Intolerance and Allergy

- Total IgA and IgG
- Food Intolerance Test IgG (200 allergens) with Total IgG
- Allergy Testing: Specific IgE (food and respiratory panels) with Total IgE
- Allergy Sensor
- Lactose Intolerance Mutations by PCR

5. Celiac Disease Panel (Gluten Intolerance)

- Total IgA, IgG
- Gliadine IgA-IgG
- Anti-Transglutaminase IgA, IgG
- Endomysial IgA-IgG
- Lactose Intolerance Mutations
- HLA DQ2 - DQ8 by PCR

6. STD Panel

- HIV Combi(Ab+AgP24) by Elisa
- HBs Ag, HBc Ab
- HCV Ab
- HSV 1 IgG, HSV 1 IgM
- HSV 2 IgG, HSV 2 IgM
- VDRL, TPHA
- STD by PCR
- Urogenital pathogens group culture on cervical swab, urethral discharge and in urine:
 - ◊ Chlamydia trachomatis Ag direct exam
 - ◊ Gonorrhea and other bacteria + Antibiogram
 - ◊ Gardnerella vaginalis
 - ◊ Ureaplasma, Mycoplasma + Antibiogram
 - ◊ Trichomonas

7. Autoimmune Disease Panel

- ANA by IIF
- Anti DNA Antibodies by Elisa
- ANA Profiles (Systemic Sclerosis profile, ANA profile+DFS70, Myositis Profile)
- ANCA p + c
- Auto-immune Liver Profile (Anti-LKM, ASMA, AMA, LC1, PML...)
- CIBD Panel IgA-IgG (Saccharomyces, pANCA, Acini Cells, Intestinal Goblet Cells)

- Anti-GAD Antibodies
- Anti- Islet Cells Antibodies
- Anti- IA2 Antibodies

For RA:

- RA test, CCP Antibodies, Anti –SA Ab, ANA by IIF
- Anti-neuronal Antibodies testing by IIF
- Anti-sperm Antibodies in serum by IIF and in semen (ELISA)

8. Thrombophilia Panel

- Protein C
- Protein S
- Anti-thrombin III
- Lupus anticoagulant
- Anti-cardiolipin Antibodies screen (G,M,A)
- Anti-beta2 GP1 screen (G,M,A)
- Factor II mutation by PCR
- Factor V Leiden by PCR
- MTHFR by PCR

Hormones

- AMH
- Transcortine

Bacteriology

- Fungi culture with Antibiogram