

# برنامه هفتگی انجام آزمایش ها

(ویرایش ۱۴۰۲/۰۵/۱۰)

**توجه:** دریافت نمونه ها یک روز قبل از برنامه اعلام شده و قبل از ساعت ۱۲ انجام می پذیرد.

| پنج شنبه                                                                                                                                                                                     | چهارشنبه                                                                                                                                                                                                                                                                                                                                                                                              | سه شنبه                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | دوشنبه                                                                                                                                                                                                                                                                 | یکشنبه                                                                                                                                                                                                                                                                                                                                                                                                                              | شنبه                                                                                                                                                                                                                                                                                                                                       |
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| B2<br>Jo1<br>IgE<br>Free<br>PTH<br>DGP<br>HTG<br>SCL70<br>HBsAb<br>CMV IgM<br>Calprotectin<br>ds DNA-ELISA<br>Androstenedione<br>17-OH progesterone<br>Anti Gliadin Ab IgA<br>Growth Hormone | C4<br>C3<br>SDF<br>SCM<br>AMA<br>dsDNA<br>Vit B12<br>SS (A,B)<br>Anti SS-B<br>HSV (M,G)<br>Protein C/S<br>Progesterone<br>Homocysteine<br>Ceruloplasmin<br>H.Pylori (M,G,A)<br>Anti dsDNA.IgG<br>H pylori Ag stool<br>Immunoglobulins<br>Anti CCP-ELISA<br>Chlamydia (M,G)<br>Anti Cardiolipin IgG<br>Anti Cardiolipin IgM<br>Urine Immuno Electrophoresis 24hr<br>Urine Protein Electrophoresis 24hr | C3<br>C4<br>B2<br>IgA<br>IgG<br>IgM<br>PTH<br>ENA<br>DGP<br>AMH<br>ACE<br>HBsAb<br>Allergy<br>Toxo G<br>Hb elect<br>Aldolase<br>myositis<br>Systemic<br>Cu serum<br>C-ANCA<br>P-ANCA<br>VZV IgG<br>tTG (G,A)<br>ASCA IgG<br>Transferrin<br>CMV (M,G)<br>Calprotectin<br>Calprotectin<br>Phospholipid<br>Microalbumin<br>Ceruloplasmin<br>Toxoplasma IgG/IgM<br>Anti-thrombin III Activity<br>SARS covid after vaccination<br>Anti B2 Glycoprotein IgM-IgG<br>Serum Immuno Electrophoresis<br>Serum Protein Electrophoresis | GH<br>IgE<br>GBM<br>HTLV<br>SHBG<br>Vit B12<br>SS (A,B)<br>EMA IgA<br>centromer<br>CMV IgM<br>Allergic test<br>Covid (g,M)<br>ds DNA-ELISA<br>Androstendione<br>Free testosterone<br>17- Ohprogesterone<br>Hb Electrophoresis<br>Anti Gliadin Ab IgA<br>Growth Hormone | B2<br>IgE<br>DGP<br>PTH<br>ACE<br>IGRA<br>HBs Ab<br>Aldolase<br>Anti SS-B<br>SDF / SCM<br>Calprotectin<br>Protein elect<br>Progesterone<br>Homocysteine<br>Microalbumin<br>Immunotyping<br>Ceruloplasmin<br>Anti dsDNA.IgG<br>H.Pylori (M,G,A)<br>H pylori Ag stool<br>Immunoglobulins<br>Anti CCP-ELISA<br>Anti Cardiolipin IgG<br>Anti Cardiolipin IgM<br>Urine Immuno Electrophoresis 24hr<br>Urine Protein Electrophoresis 24hr | C3<br>C4<br>IgA<br>IgG<br>IgM<br>AMH<br>Toxo G<br>Vit B12<br>myositis<br>SS (A,B)<br>Systemic<br>Cu serum<br>Ttg (A,G)<br>ASCA IgG<br>Transferrin<br>CMV (M,G)<br>Serum Protein<br>Ceruloplasmin<br>Electrophoresis<br>Toxoplasma IgG/IgM<br>Anti B2 Glycoprotein IgM-IgG<br>Serum Immuno Electrophoresis<br>Serum Protein Electrophoresis |

## آزمایش هایی که روزانه انجام میشوند:

Opiate, Dysmorphic RBC, Urine analysis, Stool Occult blood, Stool Exam, Semen analysis, D-Dimer, Bil.T/D, CRP(Quantitative/Qualitative), LDH, Zn, Uric Acid, Urea, TG, TIBC, Na, ALT, AST, RF(Quantitative/Qualitative), Protein Urine, Protein Total, K, Ph, Mg, Lithium, Lipase, LDL, Fe, HDL, GTT, GCT, GGT, Creatinine Clearance, Cr, CPK-MB, CPK, Cu, Cholesterol, Ca, Amylase, ALP, Alb, FBS, , Reticulocyte count, PTT, PT, Peripheral Blood Smear, Malaria parasite, G6PD, Fibrinogen, FDP, ESR, Cryoglobulin, Direct/Indirect Coombs, Cold Agglutinine, CBC, Blood group/Rh, BT/CT, PT1NP, N-MID Osteocalcin, Rubella IgG, TSH, Toxoplasma (M,G), TG, T4, T3 uptake, T3, PTH intact, Prolactin, Pro BNP, LH, Insulin, HE4, HCV Ab, HBC Ab Total, FSH, Folic acid, Ferritin, Estradiol(E2), DHEA, Cortisol (8 AM-5 PM), CA 15-3, C-peptide, Beta crosslaps, Anti Thyroglobulin Ab, CMV(G), BhCG, AFP, Cyfra, Serology panel, CEA, Anti TPO, CA125, ACE, Aldolase, Homocystein, CBC, PTH, Cyfra 21-1, Free PSA, CEA, Lipase, Anti Toxoplasma IgG, Anti Histone Ab, Anti RNP, Anti MCV, Anti C1q, VZV IgM, Anti Smith Ab, Anti L.K.M Ab, ANCA, Anti Gliadin Ab IgG, P-ANCA, Anti GBM Antibody, C-ANCA, TPO, Anti B2 Glycoprotein IgG-IgM, Troponin I, proBNP, Anti Phospholipid IgG/IgM, Calprotectin, Giardia-Stool, C.difficil Antigen in Stool, Anti TPO, HBsAb, Estradiol, TSH, Anti tTG IgG, Anti tTG IgA, CA15.3, FT3

آزمایش هایی که روزهای زوج انجام میشوند:

PNS, ANA, dsDNA, FT4, HIV, CH50, CEA, Vit B12, HBS Ag, Anti CCP, Anti dsDNA IgG, Covid Ab (M,G), HbA1C, Rubella IgM, ANA profile 5, Testosterone, Pregnancy screening panel (Combined, Quad), Quad Marker

آزمایش هایی که روزهای فرد انجام میشوند:

FANA, ASMA, CH 50, DGP (G), F.PSA, PSA, C-ANCA, p-ANCA, AMA-IF, CA19-9, Calprotectin, ASMA-IF, AMA, Centromere, Listeria IF (M,G), Endomysial (A,G), Cardiolipin (M,G), Cardiolipin Ig(M,G), B2 Glycoprotein (M,G), Myositis, Systemic Sclerosis, Anti CCP

## آزمایش های بخش مولکولی و ژنتیک که بر اساس برنامه بخش انجام میشوند:

Cryptorchidism PCR, Alpha Thalassemia Male/ Female, Beta Thalassemia Male/ Female, Factor V Locus, Endometriosis Polymorphisms, SYNS2, MLPA-Aneuploidy, ACE, Clinical WES 200X, CFI&II, Skin diseases panel, PR-331, PR-Progin, ER-Beta, ER-Alpha, NKG2, AMH Receptor, AMH, LH Receptor, FSH Receptor, Micro-RNA Endometriosis, Micro-RNA Female Infertility, Micro-RNA Male Infertility, Leptin Receptor, ESR 2, ESR1, APO E, APO B, Cryptorchidism, TPMT Genotyping, LIF-Mutation, QF-PCR, FMR1 Repeat Analysis, Nr5A1-PCR, EPCRA3, EPCRA1, IL 18, IL15, IL12, IL 10, VEGF, TNFalpha gene polymorphism, IL 16 gene polymorphism, IL6 gene Polymorphism, POF-Mutation Panel, AR, Inhibin A-mutation, DNA Paternity & Maternity testing, Fragile X Syndrome, SCA2&3, Breast/ Ovarian Cancer (BRCA1-BRCA2 genes), Gastric cancer (CDH1 gene), Li-Fraumeni syndrome (TP53), Familial Adenomatous Polyposis, Male/ Female Infertility NGS Panel, SMA, Neuromuscular Disease (369 gene), Epilepsy-metabolic & Brain Development Delay, Neurodegenerative disease (~350), Connective Tissue disease (77 gene), Mitochondrial Diseases (unclear genes), Ciliopathies (249 gene), Hearing Impairment (244 gene), Kidney Diseases (498 gene), Liver-related Disorders (198 gene), Cardiac Disease (498 gene), Blood Disorders (228 gene), Autism Spectrum Disorder Intellectual, Disorders of Sex Development (260 genes), panel more than 200 gene, panel 50-200 gene, panel 21-50 gene, panel 1-20 gene, Expanded Carrier Exome carrier exome Sequencing-600, Clinical WES 100X, BCR-ABL-P190 Quantitative & Qualitative, BCR-ABL-P210 Quantitative & Qualitative, LHON, Connexin-26, Research WES 100 X, Hereditary Cancers panel, Immune Disorders panel, Skeletal Diseases panel, Eye Diseases panel, PAI-2(Ser413Cys), PAI-1(4G/5G), MTHFR II, MTHFR I, FGB (455G>A), F13A1 (Val34Leu), F2 G20210A, F5, ALS, CARASIL, CADASIL, DMD, Known Familial mutation, OCA1 (TYR gene mutation), CALR, MPL 505, MPL 515, FMF Full gene & Target, HFE Mutation, JAK2-Exon12, jak2-V617F, MSI, Friedreich ataxia (FXN), Metachromatic leukodystrophy (MLD), QF-PCR, MLPA Aneuploidy

آزمایش هایی که جهت ارسال، نیاز به هماهنگی تلفنی دارد:

Lipoprotein a (LPa), Alpha 1anti Trypsin, 17-Ketosteroids, SHBG, Measeles (M,G), Mumps (M,G), Gastrin, FTA Ab (G), UFC, Brucella (M,G), Anti Sperm Ab, Anti Platelet Ab, Anti Parvo Virus B19 (M,G), Rubella (G)-Avidity, HDV Ab, Epinephrine (Urine), Anti Gliadin (G,A), Erythropoeitin, SCL70, Anti Sm, Hg, Hydatid (M,G), Fasciola HepaticaAb, AChR Ab, Urine porphyrins, HS-CRP, VMA, Transferrin, Reducing substance, Pyruvate, Lactate, Ammonia, Aldolase, ADA, ACE, B.K. Culture, B.K. Direct, Borrelia parasite (M,G), APCR, HBc Ab (M), NBT, Toxoplasma (G)-Avidity, Myoglobin, HBe Ag, HBe Ab, HAV (Total,M), EBV (M,G), Valporic acid, Cyclosporine, Anti Parietal Ab, ACTH, Calcitonin, IgG 4, IgG 3, IgG 2, IgG1, Metanephrin Urine, IGFBP3, DHT, Opium-Canabis, Cystine, Cystatine C, Serotonin, Renin, Pre-Calcitonin, Lyme Ab (M,G), Light Chain (Lambda/Kappa), Kala azar Ab, HIV Ab (Western Blot), BorelliaAb, LKM, JO1, Anti Entameba Histolytica (M,G), Aldosterone, Nitroprusside, Norepinephrine(Urine), Alpha Fodrin (A), Troponin T, NSE, NGAL, Anti Thyroid Receptor Ab, Mycoplasma Pneumonia (M,G), Anti RNP/SM, Anti GBM, Anti NMO, Pb, Toxoplasma PCR Qualitative, VZV (M,G), ASCA (A,G), Troponin I, Von Willebrand Factor, Transferrin, Urine Protein Electrophoresis-24hr, Urine Immuno Electrophoresis -24hr, Lipase, cl, ANCA, HTg, APC-R, Anti SS-A, Hydatid Cyst IgG, AChR Ab, Endomysial IgA

## جوابدهی آزمایشگاه پاتوبیولوژی و ژنتیک آرمین

|                                                                                                                                                                                                                                                                                                                                      |                    |
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| Anti EBV IgG-IgM, clia, HE 4, Testosterone, T3, CA15.3, HBs Ag                                                                                                                                                                                                                                                                       | جوابدهی روزانه     |
| Vit D3, TSH, Anti Scl-70, HBs Ag, Prolactin, Anti Centromer Ab, CA 125                                                                                                                                                                                                                                                               | جوابدهی ۲ روزه     |
| IgG 1-2-3-4, chloride                                                                                                                                                                                                                                                                                                                | جوابدهی ۳ روزه     |
| B.K. Direct, HBe Ag-Ab, Carbamazepin, Von Willebrand Factor                                                                                                                                                                                                                                                                          | جوابدهی ۴ روزه     |
| Cystatin C, CRP-HS, ANCA, ADA (Pleural), ADA (Body Fluid), ADA, APO-B, APO-A1, Ald (upright), Ald (supine), Renin (upright), Renin (supine), Urine 24-hr Oxalate, Cystine 24hr Urine, Endomysial IgA-IF                                                                                                                              | جوابدهی ۵ روزه     |
| IgG 4                                                                                                                                                                                                                                                                                                                                | جوابدهی ۷ روزه     |
| HEV Total Ab, Anti Sperm Ab, HDV Total Ab, Tacrolimus, Vitamin E, Vitamin A, SHBG, Calcitonin, Urine 24-hr Citrate, Urine 24-hr V.M.A, HTLV, Brucella Ab IgM-IgG, Urine 24-hr Copper, Beta-2 Microglobulin, Measles Virus IgG-IgM, Mumps Virus IgG-IgM, TSH Receptor Ab, Urine Protein Electrophoresis, Urine Immuno Electrophoresis | جوابدهی ۸ روزه     |
| DHT                                                                                                                                                                                                                                                                                                                                  | جوابدهی ۹ روزه     |
| Anti SS-A                                                                                                                                                                                                                                                                                                                            | جوابدهی ۱۱ روزه    |
| B.K.Culture                                                                                                                                                                                                                                                                                                                          | جوابدهی ۵۸ روزه    |
| CA15.3, HIV, PTH                                                                                                                                                                                                                                                                                                                     | جوابدهی روزهای زوج |

- Flowcytometry panel: CD 8, CD 79, CD 71, CD 7, CD 68, CD 64, CD 61, CD 56, CD 55, CD 5, CD 45 RO, CD 45, CD 43, CD 41, CD 4, CD 38, CD 34, CD 33, CD 27, CD 25, CD 23, CD 21, CD 20, CD 2, CD 1a, CD19, CD 18, CD 16, CD 15, CD 14, CD 13, CD 11c, CD 11b, CD 11a, CD 117, CD 103, CD 10
- Serology panel: RPR, Wright, coombs wright, 2ME, Mono, Widal, LE cell
- Covid vaccination control: Anti RBD (G), Anti Spike (G), Neutralizing Ab
- Pregnancy screening panel (Combined: PAPP-A-Free BhCG, Quad: Inhibin A-uE3-Total BhCG-AFP)  
STI/STD PCR panel: Chlamydia, Mycoplasma genitalium, Mycoplasma hominis, Ureaplasma parvum, Ureaplasma urealyticum, Neisseria
- gonorea, Thricomonas vaginalis, HSV1/2, HLA-B panel: HLA-B7, HLA-B8, HLA-B27, HLA-B51, HLA-B52, HLA-B57

❖ تست های (CA19.9 – HBs Ag – HCV – HIV) با توجه به شرایط کیت ها بین دستگاهی و الیزا به صورت چرخشی می باشد.  
در صورتی که این تست ها به روش الیزا انجام پذیرد، در روزهای زوج انجام می پذیرد.

❖ تست CEA, Ferritin در صورتی که به الیزا برگردند، Ferritin روزانه و CEA در روزهای فرد انجام می گیرند.

❖ تست E2 و CA125 در صورتی که به الیزا برگردند، E2 یکشنبه و چهارشنبه، CA125 روزهای زوج و Vit D3 روزانه انجام میگیرد.

❖ تست های CA19.9, HBsAg, ACTH, Free T4, CA 72-4, Vitamin D3, HBC IgM به روش دستگاهی انجام می شوند و داخل لیست نیست.

❖ تست PRL در الیزا و دستگاهی در حال چرخش است. در صورتی که الیزا باشد در روزهای زوج انجام می شود.