

about us

Padyab Teb Co. was founded in 2003 as a manufacturer of in vitro diagnostic (IVD) products. We are specialized in the investment, development, manufacturing and supplying high-value Diagnostic, Biotechnology, Molecular Biology as well as Cell and Tissue products. Also, our values include comprehensive diagnostic laboratories to provide clinical services and improve patient care. Padyab Teb has more than 7000 m2 GMP certified, well-equipped area and clean rooms for manufacturing and diagnostic services. We are inspired by a shared vision and mission to grow best-qualified health care in the country and region.

Padyab Teb helps laboratories to reduce costs, improve speed and efficiency of the diagnostic tests under license of global standards (ISO 13485, ISO 9001). Padyab Teb has been established National Reference laboratories to develop the spectrum, coverage, and efficiency of laboratory tests. Our services include Screening, Risk assessment, Diagnosis and Targeted Therapy of cancer diseases and infectious disorders as well as newborn screening. With Padyab Teb, your lab can deliver fast and accurate results and help to improve patient healthcare. The laboratories recruit medium to high-throughput automated state of the art technologies and expert team to execute the clinical diagnostics for the independent and public health centers.



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Thyroid, Infertility and Anemia Panels

- + High Sensitivity and Specificity
- + Easy Procedure
- + Ready to use
- + Licensed by National References Laboratory
- + Licensed by IRAN National Medical Device Directorate (IMED)
- + IFDA Certification









| ELISA Panels | Product Name | Standards/ Internal control | Sample | Sample Volume | Wash | Incubation Time | Shelf Life | Sensivitity | Cat No. |
|-------------------------|---------------|--|------------------|------------------|------|--------------------|---------------|-------------|------------|
| ■ Thyroid ELISA Kits | T3 ELISA KIT | Std: 0 - 0.5 - 1 - 2.5 - 5 - 10 ng/ml CS | Serum/ plasma | 50 µl | 1 | 45+15 min RT | 1 year | 0.2 ng/ml | PT-ET3-101 |
| | T4 ELISA KIT | Std: 0 – 2.5 – 5 – 10 – 15 – 30 µg/dl CS | Serum/ plasma | 25 μΙ | 1 | 45+15 min RT | 1 year | 1 µg/dl | PT-ET4-102 |
| | TSH ELISA KIT | Std: 0 - 0.5 - 2.5 -5 - 10 - 20 - 40µlu/ml CS | Serum/ plasma | 50 µl | 1 | 45+15 min RT | 1 year | 0.05 µlU/ml | PT-ETS-103 |

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| ELISA Panels | Product Name | Standards/ Internal control | Sample | Sample Volume | Wash | Incubation Time | Shelf Life | Sensivitity | Cat No. |
|-------------------------|-------------------------|---|------------------|------------------|------|--------------------|---------------|-------------|-------------|
| ■ Thyroid ELISA Kits | FT3 ELISA KIT | Std: 0 – 1.5 -3 – 6 – 12- 24 pg/ml CS | Serum/ plasma | 50 µl | 1 | 45+15 min RT | 1 year | 0.05 pg/ml | PT-EFT3-104 |
| | FT4 ELISA KIT | Std:0 - 0.5 - 1 - 2.5 - 5 - 10 ng/dl CS | Serum/ plasma | 25 µl | 1 | 45+15 min RT | 1 year | 0.2 ng/dl | PT-EFT4-105 |
| | T3 UPTAKE ELISA KIT | Std: 15% - 25% - 35'% - 45% | Serum/ plasma | 25 µl | 1 | 45+15 min RT | 1 year | *** | PT-ETU-106 |
| | FSH ELISA KIT | Std: 0 -5 - 10 - 25 - 50 - 100 mlU/ml CS | Serum/ plasma | 20 µl | 1 | 45+15 min RT | 1 year | 1 mlU/ml | PT-EFS-201 |
| | LH ELISA KIT | Std: 0 - 5 - 10 - 25 - 50 - 100 mlU/ml | Serum/ plasma | 20 µl | 1 | 45+15 min RT | 1 year | 1 mlU/ml | PT-ELH-202 |
| Fertility ELISA Kits | Prolactin ELISA KIT | Std: 0 - 5 - 10 - 25 - 50 - 100 ng/ml | Serum/ plasma | 20 µl | 1 | 45+15 min RT | 1 year | 0.50 ng/ml | PT-EPR-203 |
| | HCG Titration ELISA KIT | Std: 0 -20 - 100 - 250 - 500 - 1000 lU/L CS high & low | Serum/ plasma | 20 µl | 2 | 20+20+10 min RT | 1 year | 1 IU/L | PT-EHGT-205 |
| | HCG Rapid ELISA KIT | Std: 0 - 2 0 - 100 - 250 - 500- 1000 IU/ml | Serum/ plasma | 20 µl | 1 | 10+15 min RT | 1 year | 2 IU/ml | PT-EHG-204 |
| Anemia ELISA Kits | Ferritin ELISA KIT | Std: 0 - 10 - 50 - 100 - 250 - 500 - 1000 ng/ml CS high & low | Serum/ plasma | 20 µl | 1 | 45+15 min RT | 1 year | 2 ng/ml | PT-EFR-401 |

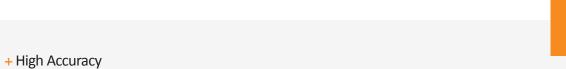
eztest ELISA Kits

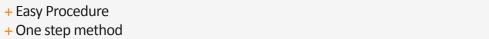
Infectious Disease Panel

- + High Sensitivity and Specificity
- + Easy Procedure
- + Ready to use
- + Licensed by National References Laboratory
- + Licensed by Iran Blood Transfusion Organization(IBTO)
- + Licensed by IRAN National Medical Device Directorate (IMED)
- + Batch release certified by Ministry Of Health(MOH)
- + IFDA Certification

| ELISA Panels | Product Name | Method | Standards / Internal control | Sample | Sample Volume | Wash | Incubation Time | Shelf Life | Sensitivity | Cat No. |
|----------------------------|----------------------|----------|---|--------|------------------|------|------------------------|---------------|-------------|------------|
| | HBsAg ELISA KIT | Sandwich | Positive Control/ Negative Control | Serum | 100 μΙ | 1 | 60+30+30 min 37 C ° | 1 year | 100% | PT-EHB-501 |
| ■ Infectious ELISA Kits | HIV 1+2 Ab ELISA KIT | Sandwich | 2 Positive Contrl 1 Negative Control | Serum | 100 μΙ | 2 | 30+30+15 min 37 C ° | 1 year | 99.8% | PT-EHI-503 |
| - | HCV Ab ELISA KIT | Sandwich | Positive Control/ Negative Control | Serum | 50 µl | 2 | 60+30+30 min 37 C ° | 1 year | 99.8% | PT-EHC-502 |







+ Licensed by National References Laboratory + Licensed by IRAN National Medical Device Directorate (IMED)

+ IFDA Certification











| Rapid Panels | Product Name | Format | Tests per kit | Sample | Cut-off Level | Cat No. |
|--------------|---------------------------------------|--------|------------------|--------|---------------|------------|
| | Rapid (AMP) Amphetamine Drug Test | Strip | 50 | Urine | 500 ng/ml | PT-DAM-101 |
| | Rapid (MET) Methamphetamine Drug Test | Strip | 50 | Urine | 500 ng/ml | PT-DME-101 |
| Drugs Of | Rapid (MTD) Methadone Drug Test | Strip | 50 | Urine | 300 ng/ml | PT-DMT-101 |
| Abuse Tests | Rapid (MOP) Morphine Drug Test | Strip | 50 | Urine | 300 ng/ml | PT-DMO-101 |
| | Rapid (THC) Marijuana Drug Test | Strip | 50 | Urine | 50 ng/ml | PT-DTH-101 |
| | Rapid (TML)Tramadol Drug Test | Strip | 50 | Urine | 100 ng/ml | PT-DTR-101 |

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| Rapid Panels | Product Name | Format | Tests per kit | Sample | Cut-off Level | Cat No. |
|---------------------------|---|----------|------------------|--------|---------------|------------|
| | Rapid (TCA) Tricyclic Antidepressants Drug Test | Strip | 50 | Urine | 1000 ng/ml | PT-DTC-101 |
| | Rapid (PCP) Phencyclidine Drug Test | Strip | 50 | Urine | 25 ng/ml | PT-DPC-101 |
| | Rapid (MDMA) Ecstasy Drug Test | Strip | 50 | Urine | 500 ng/ml | PT-DMD-101 |
| ■ Drugs Of Abuse Tests | Rapid (COC) Cocaine Drug Test | Strip | 50 | Urine | 300 ng/ml | PT-DCO-101 |
| | Rapid (BAR) Barbiturates Drug Test | Strip | 50 | Urine | 300 ng/ml | PT-DBR-101 |
| | Rapid (BZO) Benzodiazepine Drug Test | Strip | 50 | Urine | 300 ng/ml | PT-DBZ-101 |
| | Rapid (BUP) Buprenorphine Drug Test | Strip | 50 | Urine | 10 ng/ml | PT-DBU-101 |
| | 3-panel Drug Test (AMP500/MET500/MOP) | Cassette | 25 | Urine | - | PT-DP3-101 |
| Multi Duus | 4-panel Drug Test (AMP500/MET500/MTD/MOP) | Cassette | 25 | Urine | - | PT-DP4-101 |
| Multi Drug Rapid Tests | 5-panel Drug Test (MET500/THC/MTD/MOP/TRA) | Cassette | 25 | Urine | - | PT-DP5-101 |
| | 6-panel Drug Test (AMP500/MET500/THC/MTD/MOP/TRA) | Cassette | 25 | Urine | - | PT-DP6-101 |

| Rapid Panels | Product Name | Format | Tests per kit | Sample | Cut-off Level | Cat No. |
|---------------------------|--|------------------|------------------|-------------|---------------|-------------|
| | 8-panel Drug Test (COC/AMP500/MET500/THC/MTD/MOP/TRA/BUP) | Cassette | 25 | Urine | - | PT-DP8-101 |
| Multi Drug Rapid Tests | 10-panel Drug Test (COC/AMP500/MET500/THC/MTD/MOP/TRA/BZO/TCA/BUP) | Cassette | 25 | Urine | - | PT-DP10-101 |
| | panel Drug Test (Any Required Drug Combination) | Cassette | 25 | Urine | - | - |
| | HCG Urine Rapid Test | Strip (2.5mm) | 50 | Urine | 25 mlU/ml | PT-FHG-101 |
| Equality David Tacks | HCG Urine Rapid Test | Cassette | 40 | Urine | 25 mlU/ml | PT-FHG-102 |
| ■ Fertility Rapid Tests | HCG Combo Urine /Serume Rapid Test | Strip | 50 | Urine/Serum | 25 mlU/ml | PT-FHG-201 |
| | HCG Combo Urine/Serume Rapid Test | Cassette | 40 | Urine/Serum | 25 mlU/ml | PT-FHG-202 |
| Ovulation Rapid Tests | LH Rapid Test | Strip | 50 | Urine | 40 mlU/ml | PT-FLH-101 |
| Food Toxins Rapid Test | Aflatoxin B1 Rapid Test | Cassette | 25 | Graine | - | PT-TAF-302 |







- + Easy Procedure
- + One step method
- + Licensed by National References Laboratory
- + Licensed by IRAN National Medical Device Directorate (IMED)
- + Provided for the national program for screening and early detection of colorectal cancer (CRC screening, MOH, IRAN)
- + IFDA Certification











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| Rapid Panels | Product Name | Format | Tests per kit | Sample | Cut-off Level | Cat No. |
|----------------------|-------------------------------------|----------|------------------|--------|---------------|------------|
| ■ Cancer Rapid Tests | (FOB) Fecal Occult Blood Rapid Test | Cassette | 50 | Feces | 50 ng/ml | PT-TFO-602 |

Radioimmunoassay

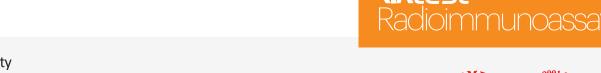












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- + Easy Procedure + Ready to use
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| RIA Panels | RIA Kits | standarsd | Sample | sample volume | Sensivitity | Incubation Time | Shelf Life | Cat No. |
|--------------------|---|---|--------|------------------|-------------|--------------------|---------------|-------------|
| Anemia RIA kits | Ferritin RIA kit - Human Ferritin RIA Test kit | Std: 0-5-20-50-250-500-1000- 2000 ng/ml | Serume | 25λ | 0.22ng/ml | 1H RT | 45Days | PT-RFR-401 |
| ■ Cancer RIA Kits | PSA RIA kit - Human PSA RIA Test Kit | Std: 0-0.8-2.5-5-15-50-100 ng/ml | Serume | 25λ | 0.06ng/ml | 1H RT | 45Days | PT-RPS-301 |
| | FPSA RIA kit - Human PSA FPSA Kit | Std: 0-0.5-1-2.5-5-20 ng/ml | Serume | 25λ | 0.03ng/ml | 2H RT | 45Days | PT-RFP-302 |
| | FSH RIA kit - Human FSH RIA Test Kit | Std: 0-2.5-5-25-50-100-200 mlU/ml | Serume | 25λ | 0.09mlU/ml | 30 min RT | 45Days | PT-RFS-201 |
| | β - HCG - Human β - HCG Kit | Std: 0-5-20-50-100-500-1000- 2500 mlU/ml | Serume | 50λ | 0.23mlU/ml | 1H +1H RT | 45Days | PT-RHG-204 |
| Fertility RIA Kits | LH RIA kit - Human LH RIA Test Kit | Std: 0-2-5-20-50-100-200 mlU/mg | Serume | 50λ | 0.22mlU/ml | 30 min RT | 45Days | PT-RLH-202 |
| | Prolactin (PRL) RIA kit - Human Prolactin (PRL) RIA Test Kit | Std: 0-2.5-5-25-50-100-200 ng/ml | Serume | 25λ | 0.022ng/ml | 1H RT | 45Days | PT-RPR-203 |
| | T3 RIA kit - Human T3 RIA Test Kit | Std: 0-0.5-1.2-4-8 ng/ml | Serume | 25λ | 0.08ng/ml | 30 min RT | 45Days | PT-RT3-101 |
| ■ Thyroid RIA Kits | T4 RIA kit - Human T4 RIA Test Kit | Std: 0-20-40-80-160-320 ng/ml | Serume | 25λ | 0.906ng/ml | 30 min RT | 45Days | PT-RT4-102 |
| | TSH RIA kit - Human TSH RIA Test Kit | Std: 0-0.15-0.55-1.2-4-15-50 mlU/ml | Serume | 100λ | 0.016mlU/ml | 1H RT | 45Days | PT-RTS-103 |
| | Free T4 RIA kit - Human Free T4 RIA Test Kit | Std: 0-0.4-0.85-1.9-5 ng/ml | Serume | 25λ | 0.08ng/ml | 30 min RT | 45Days | PT-RFT4-105 |

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Cervical Cancer Comprehensive Laboratory

Cervical Cancer Comprehensive Laboratory

(Human Papillomavirus Screening)

HUMAN PAPILLOMAVIRUS (HPV) MOLECULAR DETECTION AND PAP TEST

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Dual TEST OFFERS HPV DETECTION WITH SPECIFIC GENOTYPING FOR HPV 16 AND HPV 18 and Pap test

Among all malignant tumors, cervical cancer is the one that can be most effectively controlled by screening. The new Cervical Screening Test is expected to protect up to 30% more women through HPV test and Genotyping combined with Pap smear routine test (Co-test). The most important risk factor for developing cervical cancer is infection with Human Papillomavirus (HPV). There are over 100 different types of HPV, most of which are considered low-risk and do not cause cervical cancer. High-risk HPV types may cause cervical cell abnormalities or cancer. HPV 16 and HPV 18, referred to high-risk HPV types accounting for 70% of cervical cancers and their precursors. HPV is so common that most sexually-active men

and women will get at least one type of HPV at some point in their lives. For most women the HPV infection does not last long; HPV infections mostly resolve on their own within 2 years. A small number of women do not clear the HPV virus and are considered to have persistent infection. Women with a persistent HPV infection are at greater risk of developing cervical cell abnormalities and cancer. Human Papillomavirus is found in about 99% of cervical cancers. Moreover, 90% of anal cancers are caused by HPV mostly caused by HPV type 16. HPV infection can increase a risk of oropharyngeal cancer and a man's risk of getting penile cancers. Cervical Cancer screening is usually part of a woman's health care. Identifying and treating pre-cancerous changes can reduce mortality and morbidity associated with cervical cancer.

Two types of screening tests are as follow:

- + HPV test (molecular assay)
- + Pap test (cytology assay)

Cervical Cancer Comprehensive Laboratory



Padyab Teb has been pioneered by the performance of national cervical cancer screening. Our comprehensive screening laboratory offers the evaluation of predisposition to cancer before you have any symptoms. As the role of human papillomavirus (HPV) in contributing to cervical cancer has emerged in recent years, screening for HPV has been advised especially for the woman age 30 and older providing HPV test and Pap test. HPV test rival conventional screening test by the high sensitivity performance. We also offer Pap test as a complementary exam for cervical cancer screening. You won't notice a conflict in your exam if you have both tests.

Padyab Teb clinical services for cervical cancer screening provide:

+ HPV DNA Test: An HPV DNA test checks for the genetic material of the human papillomavirus which is present from the initial steps of infection, 10-15 years earlier than neoplasia occurs. We developed molecular laboratories equipped with advanced and automated molecular assay devices to provide precise, cross-contaminated free and consistent results.

- + High risk (HR) or carcinogenic HPV genotyping: carcinogenic types of HPV also called High-risk HPV types are most likely to cause cervical cancer. We detected HR-HPV 16 and 18 providing quantitative method able to detect a minimal presence of HR-HPV.
- + Full HPV Genotyping: Full genotyping detect the presence of High-Risk (16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66 and 68) and Low-Risk (6,11) types of human papillomaviruses in the cervical specimen (optional).
- + **Pap Test:** The Pap cytology test check for the presence of abnormal cells and precancerous lesions. The cytology test presented according to Bethesda system.

Advantages of Padyab Teb comprehensive screening laboratory

- 1. Expert scientific and technical team.
- 2. Cutting-edge laboratory equipments.
- 3. Automation to achieve cross-contaminated free and consistent results.
- 4. Medium-high throughput services (Execution of test for more than 1200 applicants per day).
- 5. Low-cost services for a whole package of detection (i.e. HPV DNA test, genotyping and Pap test for cervical screening).
- 6. Integrated Transportation System for transferring biological specimens between collecting sites and the laboratory.
- 7. Method Validation and Conformity of tests according to WHO guidelines.
- 8. Persistence supervision and assessment of National Reference laboratory.

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Upcoming Products

ELISA

- + HIV (4th Generation)
- + HBs Ab
- + Vit D3
- + Tumor Marker (PSA FPSA CEA AFP)

Rapid Test

- + Food Toxins Rapid Test (Aflatoxin M Rapid Test)
- + Tumor Marker (PSA)
- + Cardiac Marker (CTNI)
- + Microbiology (H.pylori Ag)

