

# PADYABTEB

Manufacturer of Diagnostic Products

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## 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.







### 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	Sensitivity	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 µl	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 – 40 µIU/ml CS	Serum/ plasma	50 µl	1	45+15 min RT	1 year	0.05 µIU/ml	PT-ETS-103

ELISA Panels	Product Name	Standards/ Internal control	Sample	Sample Volume	Wash	Incubation Time	Shelf Life	Sensivity	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
Fertility ELISA Kits	FSH ELISA KIT	Std: 0 -5 – 10 – 25 – 50 – 100 mIU/ml CS	Serum/ plasma	20 µl	1	45+15 min RT	1 year	1 mIU/ml	PT-EFS-201
	LH ELISA KIT	Std: 0 – 5 – 10 – 25 – 50 – 100 mIU/ml	Serum/ plasma	20 µl	1	45+15 min RT	1 year	1 mIU/ml	PT-ELH-202
	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 IU/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

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.
Infectious ELISA Kits	HBsAg ELISA KIT	Sandwich	Positive Control/ Negative Control	Serum	100 µl	1	60+30+30 min 37 C °	1 year	100%	PT-EHB-501
	HIV 1+2 Ab ELISA KIT	Sandwich	2 Positive Contrl 1 Negative Control	Serum	100 µl	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



- + High Accuracy
- + Easy Procedure
- + One step method
- + Licensed by National References Laboratory
- + Licensed by IRAN National Medical Device Directorate (IMED)
- + IFDA Certification



■ **Drugs Of Abuse Tests**

Rapid Panels	Product Name	Format	Tests per kit	Sample	Cut-off Level	Cat No.
■ <b>Drugs Of Abuse Tests</b>	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
	Rapid (MTD) Methadone Drug Test	Strip	50	Urine	300 ng/ml	PT-DMT-101
	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



Rapid Panels	Product Name	Format	Tests per kit	Sample	Cut-off Level	Cat No.
■ Drugs Of Abuse Tests	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
	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
■ Multi Drug Rapid Tests	3-panel Drug Test (AMP500/MET500/MOP)	Cassette	25	Urine	-	PT-DP3-101
	4-panel Drug Test (AMP500/MET500/MTD/MOP)	Cassette	25	Urine	-	PT-DP4-101
	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.
■ Multi Drug Rapid Tests	8-panel Drug Test (COC/AMP500/MET500/THC/MTD/MOP/TRA/BUP)	Cassette	25	Urine	-	PT-DP8-101
	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	-	-
■ Fertility Rapid Tests	HCG Urine Rapid Test	Strip (2.5mm)	50	Urine	25 mIU/ml	PT-FHG-101
	HCG Urine Rapid Test	Cassette	40	Urine	25 mIU/ml	PT-FHG-102
	HCG Combo Urine /Serume Rapid Test	Strip	50	Urine/Serum	25 mIU/ml	PT-FHG-201
	HCG Combo Urine/Serume Rapid Test	Cassette	40	Urine/Serum	25 mIU/ml	PT-FHG-202
■ Ovulation Rapid Tests	LH Rapid Test	Strip	50	Urine	40 mIU/ml	PT-FLH-101
■ Food Toxins Rapid Test	Aflatoxin B1 Rapid Test	Cassette	25	Graine	-	PT-TAF-302





www.padyabteb.com



itest  
Rapid Test

- + High Accuracy
- + 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



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



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



RIA Panels	RIA Kits	standarsd	Sample	sample volume	Sensivitivity	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
	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
Cancer RIA Kits	FPESA RIA kit - Human PSA FPESA 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 mIU/ml	Serume	25λ	0.09mIU/ml	30 min RT	45Days	PT-RFS-201
Fertility RIA Kits	β - HCG - Human β - HCG Kit	Std: 0-5-20-50-100-500-1000-2500 mIU/ml	Serume	50λ	0.23mIU/ml	1H +1H RT	45Days	PT-RHG-204
	LH RIA kit - Human LH RIA Test Kit	Std: 0-2-5-20-50-100-200 mIU/mg	Serume	50λ	0.22mIU/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
Thyroid RIA Kits	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
	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 mIU/ml	Serume	100λ	0.016mIU/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



## Cervical Cancer Comprehensive Laboratory

(Human Papillomavirus Screening)

HUMAN PAPILLOMAVIRUS (HPV)  
MOLECULAR DETECTION AND  
PAP TEST

[www.padyabteb.com](http://www.padyabteb.com)



## Cervical Cancer Comprehensive Laboratory

### 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)





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.

## 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)

