

Fertility Tests

HCG Pregnancy Test

One Step Cassette Style HCG Urine Pregnancy Test is a highly sensitive test kit for the determination of HCG in urine specimens. This test kit is easy to use to obtain a visual, qualitative result for early detection of pregnancy.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|----------------|-------------|-------------|---------------------------------|---|
| INV-111 | urine | strip 2.5mm | 1 test/pouch 100 pouches/box | Accuracy: Over 99% Sensitivity: 25mIU/mL or 10 mIU/ml |
| INV-112 | urine | strip 3.0mm | 1 test/pouch 100 pouches/box | |
| INV-113 | urine | strip 3.5mm | 1 test/pouch 100 pouches/box | |
| INV-114 | urine | cassette | 1 test/pouch 25 pouches/box | |
| INV-115 | urine | midstream | bulk | |
| INV-116 | urine/serum | strip 3.5mm | 1 test/pouch 100 pouches/box | |
| INV-117 | urine/serum | cassette | 1 test/pouch 25 pouches/box | |

LH Ovulation Test

One Step LH Urine Ovulation Test is a qualitative test that can predict when there is a LH surge, and in turn, when one is likely to ovulate. These tests are to be used in monitoring the ovulation cycle for couples trying to conceive.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|----------------|----------|-----------|---------------------------------|--|
| INV-121 | urine | strip | 1 test/pouch 100 pouches/box | Accuracy: 98.7% Sensitivity: 15mIU/mL |
| INV-122 | urine | cassette | 1 test/pouch 25 pouches/box | |
| INV-123 | urine | midstream | bulk | |

Fertility Tests

FSH Menopause Test

One Step FSH Urine Test is a qualitative test kit for the determination of FSH concentration in urine specimens, and in turn helps the testees to get prepared both physically and mentally for the syndromes come along with menopause. Visual and qualitative test results can be read visually without any instrumental help.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|----------------|----------|-----------|---------------------------------|-----------------------------|
| INV-131 | urine | strip | 1 test/pouch 100 pouches/box | Sensitivity: 25mIU/mL |
| INV-132 | urine | cassette | 1 test/pouch 25 pouches/box | |
| INV-133 | urine | midstream | bulk | |

TORCH IgM Rapid Screening Test

One step TORCH Serum/Plasma Screening Tests are rapid qualitative lateral flow test designed for the qualitative detection of IgM antibodies to *Toxoplasma gondii* (Toxoplasmosis) (TOX); Cytomegalovirus (CMV); Rubella Virus (RV); Herpes Simplex virus 1 (HSV-1); Herpes Simplex virus II (HSV-2), all in test.

| Article Code | Format | Packaging | Performance Characteristics |
|----------------|----------|--------------------------------|---|
| INV-141 | cassette | 1 test/pouch 25 pouches/box | Sensitivity: 95.2% Unconventinality: 96% |

Tests of Infectious Diseases

One Step Hepatitis B Rapid Tests

One Step Hepatitis B Tests are based on the principle of sandwich immunoassay for determination of HBsAg, HBsAb, HBeAg, HbeAb in whole blood, which are used as main method in the diagnosis of hepatitis B infection

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|------------------------|-------------------|---------------------|---------------------------------|-----------------------------|
| HBsAg-211 | serum/plasma | strip | 1 test/pouch 100 pouches/box | |
| HBsAg-212 | serum/plasma | cassette | 1 test/pouch 25 pouches/box | |
| HBsAg -213 | whole blood/serum | strip | 1 test/pouch 100 pouches/box | |
| HBsAg -214 | whole blood/serum | cassette | 1 test/pouch 25 pouches/box | |
| HBsAb -221 | serum/plasma | strip | 1 test/pouch 100 pouches/box | Accuracy:Over 99% |
| HBsAb -222 | serum/plasma | cassette | 1 test/pouch 25 pouches/box | Sensitivity: 2ng/ml |
| HBeAb -231 | serum/plasma | strip | 1 test/pouch 100 pouches/box | Specificity: 99% |
| HBeAb -232 | serum/plasma | cassette | 1 test/pouch 25 pouches/box | |
| HBeAg-241 | whole blood/serum | strip 3.5mm | 1 test/pouch 100 pouches/box | |
| HBeAg -242 | whole blood/serum | cassette | 1 test/pouch 25 pouches/box | |
| HBcAb -251 | whole blood/serum | strip 3.5mm | 1 test/pouch 100 pouches/box | |
| HBcAb -252 | whole blood/serum | cassette | 1 test/pouch 25 pouches/box | |
| HBV 5 Panel-260 | whole blood/serum | Multi-5 Combination | 1 test/pouch 25 pouches/box | |

Tests of Infectious Diseases

One Step HCV(Hepatitis C) Rapid Tests

One step HCV tests are designed for qualitative determination of antibodies to Hepatitis C Virus (anti-HCV) in human serum or plasma as an aid in the diagnosis of hepatitis C infection. The test is based on the principle of double antigen sandwich immunoassay where purified recombinant antigens are employed to identify anti-HCV with high sensitivity and specificity.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|-----------------|-------------------|--------------|---------------------------------|--------------------------------------|
| INV-271 | serum/plasma | strip | 1 test/pouch 100 pouches/box | |
| INV-272 | serum/plasma | cassette | 1 test/pouch 25 pouches/box | Sensitivity: 99% Specificity: 99% |
| INV -273 | whole blood/serum | membrane-CGA | 1 test/pouch 25 pouches/box | |

TB (recombinant) Test

Tuberculosis remains an important socio-economical and medical problem throughout the world. As an aid to determinate the infection of this disease, the TB Rapid Test is a chromatographic immunoassay (CIA) for direct qualitative detection of Tuberculosis antibody in human serum or plasma.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|-----------------|-------------------|--------------|---------------------------------|--|
| INV-311 | serum/plasma | strip | 1 test/pouch 100 pouches/box | Qualitative results in 10-20 minutes. High sensitivity and specificity |
| INV-312 | serum/plasma | cassette | 1 test/pouch 25 pouches/box | |
| INV -313 | whole blood/serum | membrane-CGA | 1 test/pouch 25 pouches/box | |

Tests of Infectious Diseases

One Step Chlam (Chlamydia) Tests

The One-Step Chlamydia Test is intended for in vitro diagnostic use in the rapid, qualitative detection of Chlamydia trachomatis directly from female endocervical swab and male urethral swab, in addition to ocular specimens from symptomatic patients. The test is intended for use as an aid in the diagnosis of Chlamydia infections. The test is a rapid qualitative immunoassay based on the immunochromatographic principle.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|----------------|--------------|----------|--------------------------------|-----------------------------|
| INV-411 | serum/plasma | cassette | 1 test/pouch 25 pouches/box | Sensitivity: 10 bacteria/ml |

One Step Dengue IgG / IgM Antigen test

Dengue IgG / IgM Rapid Test is a solid phase immunochromatographic assay for the rapid, qualitative and differential detection of IgG and IgM antibodies to dengue virus in human serum, plasma or whole blood. This test is intended for professional use as aid in the presumptive diagnosis between primary and secondary dengue infection.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|----------------|--------------|----------|--------------------------------|------------------------------------|
| INV-511 | serum/plasma | cassette | 1 test/pouch 25 pouches/box | Sensitivity:90% Specificity:95% |

HIV

The HIV 1/2 test is a immuno-chromatographic, rapid test for the qualitative detection of antibodies of all isotypes (IgG, IgM, IgA) specific to HIV-1 and HIV-2 simultaneously, in human serum, plasma or whole blood; and HIV tri-line type is a assay that discriminates HIV 1 and HIV 2 with a single test.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|----------------|--------------|----------|--------------------------------|---------------------------------------|
| INV-611 | serum/plasma | cassette | 1 test/pouch 25 pouches/box | Accuracy:Over 99% Sensitivity: 99% |
| INV-612 | whole blood | cassette | 1 test/pouch 25 pouches/box | |

Tests of Infectious Diseases

H. Pylori

The H. pylori test is a rapid test for the qualitative detection of antibodies of all isotypes (IgG, IgM, IgA, etc) specific to Helicobacter pylori in human serum, plasma or whole blood. This test kit is intended as an aid in the diagnosis of H. pylori infection in patients with gastrointestinal symptoms. The H. pylori antigen-colloid gold conjugate and serum sample moves along the membrane chromatographically to the test region (T) where H.pylori capture antigen is pre-coated, and forms a visible line as the “antigen-antibody-antigen gold particle complex” forms.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|----------------|--------------|----------|--------------------------------|--------------------------------------|
| INV-711 | serum/plasma | cassette | 1 test/pouch 25 pouches/box | Sensitivity: 96% Specificity: 90% |

One-Step Strep A Tests

One-Step Strep A Test is a lateral flow, one-step immunoassay for the rapid, qualitative detection of Group A Streptococcal antigen from throat swabs.

The Strep A antigen from specimen reacts with colored antibody-colloidal gold conjugate to form Strep A antigen-antibody complexes. The mixture then moves chromatographically across the membrane to the immobilized rabbit anti-Strep A antibody at the test band region, a pink band will appear.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|----------------|-------------|----------|--------------------------------|--------------------------------|
| INV-811 | throat swab | cassette | 1 test/pouch 25 pouches/box | Sensitivity: 2.5×10^5 |

Malaria

The Malaria Tests are immunochromatographic rapid tests, including Malaria Antigen test and Antibody test. The Malaria Ag test is designed for the differential diagnosis between Plasmodium falcifarum and the other Plasmodium species (P. vivax, P. malariae or P. ovale), and the Malaria P.f/P.v Antibody test is a test for the qualitative detection of antibodies of all isotypes (IgG, IgM, IgA) specific to Plasmodium falciparum and Plasmodium vivax simultaneously in human serum, plasma or whole blood.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|----------------|----------|----------|--------------------------------|---|
| INV-911 | | cassette | 1 test/pouch 25 pouches/box | Sensitivity: 98.98% Specificity:100% |

Tests of Infectious Diseases

Gonorrhea

One Step Gonorrhea Test is a rapid direct binding test for the visual detection of gonorrhea antigen, in the secretory specimen and urine from urogenital system, as an aid in the diagnosis of gonococcus infection. It is based on the principle of double sandwich immunoassay for the detection of gonorrhea antigen in the secretory specimen or urine.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|-----------------|----------|----------|---------------------------------|--|
| INV-1011 | swab | strip | 1 test/pouch 100 pouches/box | Sensitivity: 1 x 10 ⁵ bacteria per ml. |
| INV-1012 | swab | cassette | 1 test/pouch 25 pouches/box | |

SYPHILIS (TP)

One Step TP Test is a rapid direct binding test for the visual detection of syphilis antibodies in serum, as an aid in the diagnosis of syphilis infection. It is based on the principle of double antigen sandwich immunoassay for determination of syphilis antibodies in serum. Purified recombinant syphilis antigens are employed to identify Syphilis antibodies specifically.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|-----------------|--------------|----------|---------------------------------|--|
| INV-1021 | serum/plasma | strip | 1 test/pouch 100 pouches/box | Sensitivity: 99.5% Specificity: 99.5% |
| INV-1022 | serum/plasma | cassette | 1 test/pouch 25 pouches/box | |

Tests of Tumor Markers

Alpha Fetoprotein Test – AFP

One Step Strip Style AFP Test is a rapid direct binding test for the detection of Alpha Fetoprotein in serum as an aid in the diagnosis of primary hepatocellular carcinomas, testicular teratocarcinomas and neural tube defects. The test is based on the principle of sandwich immunoassay for determination of AFP in serum. Monoclonal and polyclonal antibodies are employed to identify AFP specifically.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|-----------------|--------------|----------|---------------------------------|-----------------------------|
| INV-1011 | serum/plasma | strip | 1 test/pouch 100 pouches/box | Sensitivity: 25ng/ml |
| INV-1012 | serum/plasma | cassette | 1 test/pouch 25 pouches/box | Specificity: 99%. |

Prostate Specific Antigen Test – PSA

One Step PSA Test is a rapid direct binding test for the detection of Prostate Specific Antigen (PSA) in serum, as an aid in the diagnosis of prostate cancer. The test is based on the principle of sandwich immunoassay for determination of PSA in serum. Monoclonal and polyclonal antibodies are employed to identify PSA specifically

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|-----------------|--------------|----------|---------------------------------|-----------------------------|
| INV-1011 | serum/plasma | strip | 1 test/pouch 100 pouches/box | Sensitivity: 4ng/ml |
| INV-1012 | serum/plasma | cassette | 1 test/pouch 25 pouches/box | Specificity: 99%. |

Tests of Tumor Markers

Carcinoma Embryonic Antigen – CEA

One Step CEA Test is a rapid direct binding test for the detection of Carcinoma Embryonic Antigen in serum as an aid in the diagnosis of colorectal cancers, breast cancers, lung cancers and pancreas cancers. The test is based on the principle of sandwich immunoassay for determination of CEA in serum. Monoclonal and polyclonal antibodies are employed to identify CEA specifically

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|-----------------|--------------|----------|---------------------------------|--|
| INV-1031 | serum/plasma | strip | 1 test/pouch 100 pouches/box | Sensitivity: 5ng/ml Specificity: 99%. |
| INV-1032 | serum/plasma | cassette | 1 test/pouch 25 pouches/box | |

Fecal Occult Blood Test – FOB

One-Step FOB Test is a rapid, visual immunochromatographic test for the qualitative detection of human blood hemoglobin in fecal samples. This test is intended as an aid in the diagnosis of lower gastrointestinal (g.i.) disorders, including colorectal cancers and adenomas.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|-----------------|--------------|----------|---------------------------------|-----------------------------|
| INV-1041 | serum/plasma | strip | 1 test/pouch 100 pouches/box | Sensitivity: 40ng/ml |
| INV-1042 | serum/plasma | cassette | 1 test/pouch 25 pouches/box | |

Drugs of Abuse Test

The One Step Tests for drugs of abuse are lateral flow, one-step, qualitative, competitive inhibition immunoassays. The tests are based on the principle of the highly specific immunochemical reactions of antigens and antibodies. The test systems employ unique monoclonal antibodies to selectively identify specific drug of abuse and the corresponding metabolites in urine samples with a high degree of sensitivity. The cut off concentration for specific drug of abuse and its metabolites has been developed at the concentration standard set by NIDA (the National Institute on Drug Abuse) for the qualitative detection of corresponding drug in human urine.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|------------------|----------|----------|---------------------------------|-----------------------------|
| COC-1051 | urine | strip | 1 test/pouch 100 pouches/box | Cut-off: 300 ng/ml |
| COC-1052 | urine | Cassette | 1 test/pouch 25 pouches/box | |
| AMP-1061 | urine | strip | 1 test/pouch 100 pouches/box | Cut-off: 1000 ng/ml |
| AMP-1062 | urine | Cassette | 1 test/pouch 25 pouches/box | |
| MET-1071 | urine | strip | 1 test/pouch 100 pouches/box | Cut-off: 500 ng/ml |
| MET-1072 | urine | Cassette | 1 test/pouch 25 pouches/box | |
| MOR-1081 | urine | strip | 1 test/pouch 100 pouches/box | Cut-off: 300 ng/ml |
| MOR-1082 | urine | Cassette | 1 test/pouch 25 pouches/box | |
| THC-1091 | urine | strip | 1 test/pouch 100 pouches/box | Cut-off: 50ng/ml |
| THC-1092 | urine | Cassette | 1 test/pouch 25 pouches/box | |
| BZO-D111 | urine | strip | 1 test/pouch 100 pouches/box | Cut-off: 300 ng/ml |
| BZO-D112 | urine | Cassette | 1 test/pouch 25 pouches/box | |
| BAR-D121 | urine | strip | 1 test/pouch 100 pouches/box | Cut-off:300 ng/ml |
| BAR-D122 | urine | Cassette | 1 test/pouch 25 pouches/box | |
| PCP-D131 | urine | strip | 1 test/pouch 100 pouches/box | Cut-off: 25 ng/ml |
| PCP-D132 | urine | Cassette | 1 test/pouch 25 pouches/box | |
| MDMA-D141 | urine | strip | 1 test/pouch 100 pouches/box | Cut-off: 500 ng/ml |
| MDMA-D142 | urine | Cassette | 1 test/pouch 25 pouches/box | |
| MTD-D151 | urine | strip | 1 test/pouch 100 pouches/box | Cut-off:300 ng/ml |
| MTD-D152 | urine | Cassette | 1 test/pouch 25 pouches/box | |
| OPI-D161 | urine | strip | 1 test/pouch 100 pouches/box | Cut-off:2000ng/ml |
| OPI-D162 | urine | Cassette | 1 test/pouch 25 pouches/box | |

* Except above product, 10 single drug test cassettes and combination panel are available

Alcohol Saliva Screening Test

One Step Saliva Alcohol Screening Test is a simple, accurate and convenient chemical assay for the rapid and qualitative detection of human blood alcohol levels by comparing the color developed at the end of the reaction period with the color chart provided.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|---------------------|----------|--------|---------------------------------|--|
| ALCOHOL-1211 | saliva | strip | 1 test/pouch 100 pouches/box | sensitivity : 0.02% alcohol concentration in saliva; |

Troponin I Test

The One-Step Troponin I test is a fast in vitro immunochromatographic test. It is designed for qualitative determination of cardiac troponin I (cTnI) in human serum or plasma specimens as an aid in the diagnosis of myocardial infarction. Principle: sample mobilizes gold anti-cTnI conjugate that is coated on the conjugate pad. The mixture moves along the membrane by capillary action and reacts with anti-cTnI antibody that is coated on the test region.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|------------------------|--------------|----------|--------------------------------|-----------------------------|
| Troponin I-1221 | Serum/plasma | cassette | 1 test/pouch 25 pouches/box | sensitivity : 1.0ng/ml |

Urinalysis Reagent Test Strip

Urinalysis Reagent Strips can test ascorbic acid, glucose, bilirubin, ketone, specific gravity, blood, pH, protein, urobilinogen, nitrite and leukocytes. Certain configurations of strips can be read instrumentally with some mainstream Urine Analyzers in the market.

| Article Code | Specimen | Format | Packaging | Performance Characteristics |
|-------------------------|----------|--------------|-------------------|-----------------------------|
| Urine Strip-1231 | urine | 1 parameter | 100 strips/bottle | |
| Urine Strip-1232 | urine | 2 parameter | 100 strips/bottle | |
| Urine Strip-1241 | urine | 3 parameter | 100 strips/bottle | |
| Urine Strip-1242 | urine | 4 parameter | 100 strips/bottle | |
| Urine Strip-1251 | urine | 5 parameter | 100 strips/bottle | |
| Urine Strip-1252 | urine | 6 parameter | 100 strips/bottle | |
| Urine Strip-1261 | urine | 7 parameter | 100 strips/bottle | |
| Urine Strip-1262 | urine | 8 parameter | 100 strips/bottle | |
| Urine Strip-1271 | urine | 9 parameter | 100 strips/bottle | |
| Urine Strip-1272 | urine | 10 parameter | 100 strips/bottle | |
| Urine Strip-1281 | urine | 11 parameter | 100 strips/bottle | |

*Urine strip 1 parameter, 3 parameter, 5parameter and 10parameter is favourite by our guests

INV-100 PHOTOMETER MANUAL

