

**PRODUCT
CATALOGUE**

***The Results
You Can Trust***



ABOUT ALPINE BIOMEDICALS

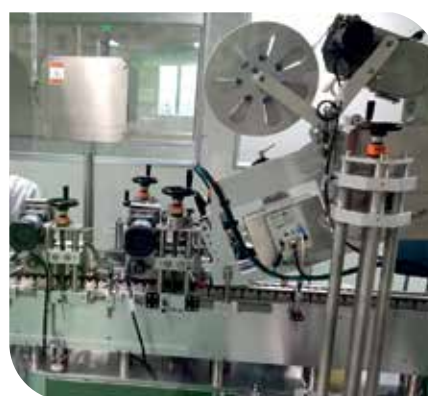
Established in 2017, Alpine Biomedicals Pvt. Ltd. is dedicated to research, development, and production of rapid tests for immuno-diagnostics. The company was started with a vision to simplify disease detection, make it more affordable, and bring cutting-edge science & technology to everyday diagnosis. The core focus of our business continues to be on innovation and the development of new products that will increase testing and improve patient care.

Since our inception, we have successfully implemented our strategy of growth through the development and marketing of novel diagnostic tests. The leading products include rapid tests for detection of Infectious Diseases, Sexually Transmitted Diseases, Fertility Tests, Respiratory Infection Tests, Drug of Abuse, Cardiac Markers, and Genetic Disorders. Product validations are performed in comparison to laboratory standard reference methods such as Elisa or HPLC. The company is ISO 9001:2015 & ISO 13485:2016 certified.

Current production capacity is about 200 million tests per year. We put our technical know-how and expertise in product development, manufacturing and product registration as per our customer's requirement.

Over the years, Alpine has created a position for itself by developing urgently required products at low cost and commercializing internationally accepted products at competitive prices. During the pandemic, Alpine was one of the first Indian companies to develop and commercialize the complete range of Covid-19 products which were supplied to Indian government and also exported to different countries worldwide, including major exports to South-East Asia, Middle East, and Africa.

We welcome discussion with organisations or individuals wishing to accelerate development, clinical evaluation and commercialisation of any novel products with potential clinical utility.





**WORLD CLASS
RESEARCH &
DEVELOPMENT**

**STATE
OF THE ART
MANUFACTURING
FACILITY**



**OPEN TO
OEM
OPPORTUNITIES**

**PRODUCTION
CAPACITY OF
200 MILLION
TESTS ANNUALLY**





FERTILITY



Let's Confirm it One Step Urine Pregnancy Test

For the qualitative detection of human chorionic gonadotropin hormone (hCG) in female urine specimen.

- ↳ Limit of Detection : 25mIU/mL of hCG
- ↳ Specificity : No cross reactivity with LH, FSH, TSH
- ↳ Specimen : Urine
- ↳ Suitable for home, laboratory and nursing homes/hospitals use
- ↳ Available in the form of Maxi Test, Mini Test, and Dipstick format
- ↳ Shelf Life : 24 months when stored at 2-30°C
- ↳ Pack Size : 1, 25, 50 Tests
- ↳ Result Time : Within 5 minutes



Let's Confirm it One Step Urine Mid-Stream Pregnancy Test

For the qualitative detection of human chorionic gonadotropin hormone (hCG) in female urine specimen.

- ↳ Limit of Detection : 25mIU/mL of hCG
- ↳ Specificity : No cross reactivity with LH, FSH, TSH
- ↳ Specimen : Urine
- ↳ Hygienic and suitable for home use
- ↳ Shelf Life : 24 months when stored at 2-30°C
- ↳ Pack Size : 1, 3, 25 Tests
- ↳ Result Time : Within 5 minutes



Let's Confirm it LH Ovulation Rapid Test Device

For the detection of Luteinizing Hormone surge in urine, signalling that ovulation is likely to occur in next 24-36 hours.

- ↳ Limit of Detection : 40mIU/mL of LH
- ↳ Specificity : No cross reactivity with hCG, hFSH, hTSH
- ↳ Specimen : Urine
- ↳ Suitable for home, laboratory and nursing homes/hospitals use
- ↳ Shelf Life : 24 months when stored at 2-30°C
- ↳ Pack Size : 5 Tests
- ↳ Result Time : Within 5 minutes





HIV TESTING SOLUTIONS



Let's Confirm it HIV 1/2 Antibody Rapid Test

HIV 1/2 Antibody Test is a rapid immuno-chromatographic assay for the qualitative detection of antibodies to HIV-1 and HIV-2 in whole blood, serum, or plasma.

- ↳ Sensitivity : 100%
- ↳ Specificity : 100%
- ↳ Specimen : Serum/ Plasma/ Whole blood
- ↳ Sample Volume : 25 μ l (Serum or Plasma or Whole blood)
- ↳ No cross-reaction to common diseases like Malaria, Dengue, HCV, HBV, Chikungunya, Covid-19, Typhoid etc.
- ↳ Shelf Life : 24 months when stored at 2-30°C
- ↳ Pack Size : 5, 25, 50 Tests
- ↳ Result Time : Within 20 minutes



Let's Confirm it HIV 4th Generation Ag/Ab Rapid Test

HIV 4th Gen Ag/Ab Test is a rapid immuno-chromatographic assay for the qualitative detection of antibodies to HIV-1 & HIV-2 and HIV-1 p24 antigen simultaneously in human serum, plasma, or whole blood.

- ↳ Early detection of HIV infection because of addition of p24 antigen in HIV 4th Gen.
- ↳ Sensitivity : 100%
- ↳ Specificity : 100%
- ↳ Specimen : Serum/ Plasma/ Whole blood
- ↳ Sample Volume : 25 μ l (Serum or Plasma or Whole blood)
- ↳ No cross-reaction to common diseases like Malaria, Dengue, HCV, HBV, Chikungunya, Covid-19, Typhoid etc.
- ↳ Shelf Life : 24 months when stored at 2-30°C
- ↳ Pack Size : 5, 25, 50 Tests
- ↳ Result Time : Within 20 minutes



Let's Confirm it HIV/Syphilis Combo Rapid Test

HIV/Syphilis Combo Test is a rapid immuno-chromatographic assay for the qualitative detection of antibodies specific to HIV-1 including subtype O, HIV 2 and Syphilis (*Treponema pallidum*) in humans.

- ↳ 4 line test that detects antibodies to HIV-1, HIV-2 & *T. pallidum*
- ↳ Sensitivity : 100%
- ↳ Specificity : 100%
- ↳ Specimen : Serum/ Plasma/ Whole blood
- ↳ Sample Volume : 25 μ l (Serum or Plasma or Whole blood)
- ↳ No cross-reaction to common diseases like Dengue, HCV, HBV, Chikungunya, Covid-19, Malaria etc.
- ↳ Shelf Life : 24 months when stored at 2-30°C
- ↳ Pack Size : 5, 25 Tests
- ↳ Result Time : Within 20 minutes





VECTOR BORNE DISEASE

Let's Confirm it Malaria Pf/Pv Antigen Detection Test

The Malaria Pf/Pv Antigen test is a rapid, qualitative and differential test for the detection of HRP-II antigen of *Plasmodium falciparum* and common pLDH of *P. vivax* antigen in human whole blood.

- ↳ Sensitivity : 99%
- ↳ Specificity : 100%
- ↳ Specimen : Whole blood
- ↳ Sample Volume : 5 μ l (Whole blood)
- ↳ No cross-reaction to common diseases like Dengue, HIV, HCV, HBV, Chikungunya, Covid-19, Typhoid etc.
- ↳ Shelf Life : 24 months when stored at 2-30°C
- ↳ Pack Size : 5, 25, 50 Tests
- ↳ Result Time : Within 20 minutes



Let's Confirm it Malaria Pf/Pan Antigen Detection Test

Malaria Pf/Pan Antigen test is a rapid, qualitative and differential test for the detection of HRP-II antigen of *Plasmodium falciparum* & *P. vivax* (Pv), *P. ovale* (Po) or *P. malariae* (Pm) sp. in human blood.

- ↳ Sensitivity : 99%
- ↳ Specificity : 100%
- ↳ Specimen : Whole blood
- ↳ Sample Volume : 5 μ l (Whole blood)
- ↳ No cross-reaction to common diseases like Dengue, HIV, HCV, HBV, Chikungunya, Covid-19, Typhoid etc.
- ↳ Shelf Life : 24 months when stored at 2-30°C
- ↳ Pack Size : 5, 25, 50 Tests
- ↳ Result Time : Within 20 minutes



Let's Confirm it S. typhi Antibody Detection Test

S. typhi Antibody is a rapid immuno-chromatographic test for the differential detection of Salmonella typhi (*S. typhi*) IgM and IgG antibodies in human serum or plasma.

- ↳ Sensitivity : 100%
- ↳ Specificity : 100%
- ↳ Specimen : Serum/ Plasma/ Whole Blood
- ↳ Sample Volume : 25 μ l (Serum or Plasma or Whole Blood)
- ↳ No cross-reaction to common diseases like Dengue, HIV, HCV, HBV, Chikungunya, Covid-19, Malaria etc.
- ↳ Shelf Life : 24 months when stored at 2-30°C
- ↳ Pack Size : 5, 25, 50 Tests
- ↳ Result Time : Within 20 minutes





VECTOR BOURNE DISEASE

Let's Confirm it Dengue NS1 Antigen Detection Test

The Dengue NS1 Antigen test is a rapid immuno-chromatographic assay for the qualitative detection of NS1 antigen of Dengue Virus in human serum or plasma.



- Diagnosis of early clinical phase of Dengue infection
- Detects NS1 antigen from all 4 serotypes (DEN-1, DEN-2, DEN-3 and DEN-4) and their isolates
- Sensitivity : 99%
- Specificity : 100%
- Specimen : Serum/ Plasma
- Sample Volume : 50 μ l (Serum or Plasma)
- No cross-reaction to common diseases like Malaria, HIV, HCV, HBV, Chikungunya, Covid-19, Typhoid etc.
- Shelf Life : 24 months when stored at 2-30°C
- Pack Size : 5, 25, 50 Tests
- Result Time : Within 20 minutes

Let's Confirm it Dengue Combo NS1 + IgG/IgM Rapid Test

Dengue Combo Antigen+Antibody is a rapid immuno-chromatographic assay for the simultaneous detection of Dengue NS1 antigen and differentiation of IgM and IgG antibodies to dengue virus in human serum/plasma.



- Detection of all the 4 Dengue serotypes (DEN-1, DEN-2, DEN-3 and DEN-4) in case of antigen test
- IgM detection indicates recent infection and IgG detection indicates recent or previous infections in case of antibody test
- Detects NS1 antigen from all 4 serotypes (DEN-1, DEN-2, DEN-3 and DEN-4) and their isolates
- Sensitivity : 99%
- Specificity : 100%
- Specimen : Serum/ Plasma
- Sample Volume : 5 μ l (Serum or Plasma for antibody test)
50 μ l (Serum or Plasma for antigen test)
- No cross-reaction to common diseases like Malaria, HIV, HCV, HBV, Chikungunya, Covid-19, Typhoid etc.
- Shelf Life : 24 months when stored at 2-30°C
- Pack Size : 5, 25 Tests
- Result Time : Within 20 minutes



INFECTIOUS DISEASES



Let's Confirm it HBsAg (Hepatitis B) Rapid Test

HBsAg Test is a rapid immuno-chromatographic immunoassay for the qualitative detection of Hepatitis B Surface Antigen (HBsAg) in serum or plasma.

- ↳ Sensitivity : 100%
- ↳ Specificity : 100%
- ↳ Specimen : Serum/ Plasma
- ↳ Sample Volume : 50 μ l (Serum or Plasma)
- ↳ No cross-reaction to common diseases like Malaria, HIV, HCV, Chikungunya, Covid-19, Typhoid etc.
- ↳ Shelf Life : 24 months when stored at 2-30°C
- ↳ Pack Size : 5, 25, 50 Tests
- ↳ Result Time : Within 20 minutes



Let's Confirm it HCV (Hepatitis C) Rapid Test

HCV Antibody Test is a rapid immuno-chromatographic assay for the qualitative detection of specific antibody to Hepatitis C Virus in whole blood, serum, or plasma.

- ↳ Sensitivity : 100%
- ↳ Specificity : 100%
- ↳ Specimen : Serum/ Plasma
- ↳ Sample Volume : 25 μ l (Serum or Plasma)
- ↳ No cross-reaction to common diseases like Malaria, HIV, HBV, Dengue, Chikungunya, Covid-19, Typhoid etc.
- ↳ Shelf Life : 24 months when stored at 2-30°C
- ↳ Pack Size : 5, 25, 50 Tests
- ↳ Result Time : Within 20 minutes



Let's Confirm it Syphilis/TP Detection Test Card

The Syphilis/TP Detection Test is a rapid immuno-chromatographic assay for qualitative and differential detection of IgG/IgM antibodies to *Treponema pallidum* (TP) in human serum or plasma.

- ↳ Sensitivity : 99%
- ↳ Specificity : 100%
- ↳ Available in both formats : Cassette/Card and Dipstick
- ↳ Specimen : Serum/ Plasma
- ↳ Sample Volume : 50 μ l (Serum or Plasma)
- ↳ No cross-reaction to common diseases like Malaria, HIV, HBV, Dengue, Chikungunya, Covid-19, Typhoid etc.
- ↳ Shelf Life : 24 months when stored at 2-30°C
- ↳ Pack Size : 5, 25, 50 Tests
- ↳ Result Time : Within 20 minutes



COVID-19 TESTING



Alpine CoviConfirm Covid-19 Rapid Antigen test

Alpine CoviConfirm COVID-19 antigen Kit is a single pack rapid and convenient immuno-chromatographic assay for the qualitative detection of COVID-19 antigen (viral nucleoprotein) from nasal/ nasopharyngeal swab.

- Sensitivity : 98%
- Specificity : 100%
- Specimen : Nasal/ Nasopharyngeal swab
- Sample Volume : 50 μ l
- No cross-reaction to microorganisms like Influenza, Adenovirus, TB etc.
- Shelf Life : 24 months when stored at 2-30°C
- Pack Size : Single Test Pack
- Result Time : Within 15 minutes
- Can be custom design to generate test report using AI platform



Alpine Covid-19 Rapid Antigen test

Alpine One Step Novel Coronavirus (COVID-19) antigen Kit is a rapid and convenient immuno- chromatographic assay for the qualitative detection of COVID-19 antigen (viral nucleoprotein) from nasal/ nasopharyngeal swab.

- Sensitivity : 96%
- Specificity : 100%
- Specimen : Nasal/ Nasopharyngeal swab
- Sample Volume : 50 μ l
- No cross-reaction to microorganisms like Influenza, Adenovirus, TB etc.
- Shelf Life : 24 months when stored at 2-30°C
- Pack Size : 5, 25 Tests
- Result Time : Within 15 minutes



Alpine Covid-19 IgG/IgM Antibody Rapid Test

Alpine One Step Novel Coronavirus (COVID-19) Antibody Kit is a rapid, qualitative and convenient immuno-chromatographic assay for the differential detection of IgM & IgG antibodies to COVID-19 virus in human serum, plasma, or whole blood.

- Sensitivity : 92%
- Specificity : 99%
- Specimen : Serum/ Plasma/ Whole blood
- Sample Volume : 10 μ l (Serum or Plasma) or 20 μ l (Whole blood)
- No cross-reaction to common diseases like Malaria, Dengue etc.
- Shelf Life : 12 months when stored at 2-30°C
- Pack Size : 5, 50 Tests
- Result Time : Within 15 minutes





DRUGS OF ABUSE (DOA)



Let's confirm it METHAMPHETAMINE Rapid Test

Methamphetamine Rapid Test is a rapid urine screening test that can be performed without the use of an instrument. The test utilizes a monoclonal antibody to selectively detect elevated levels of Methamphetamine in urine.

- Sensitivity : 99%
- Specificity : 100%
- Limit of Detection : 1000ng/mL of METH
- Available in both formats : Cassette/Card and Dipstick
- Specimen : Urine
- Sample Volume : 50 μ l (Urine)
- No cross reactivity with THC, MORP, hCG, hFSH, hTSH
- Shelf Life : 24 months when stored at 2-30°C
- Pack Size : 5, 25 Tests
- Result Time : Within 20 minutes



Let's Confirm it THC Rapid Test

THC Rapid Test is a rapid urine screening test that can be performed without the use of an instrument. The test utilizes a monoclonal antibody to selectively detect elevated levels of THC in urine.

- Sensitivity : 99%
- Specificity : 100%
- Limit of Detection : 50ng/mL of THC
- Available in both formats : Cassette/Card and Dipstick
- Specimen : Urine
- Sample Volume : 50 μ l (Urine)
- No cross reactivity with METH, MORP, hCG, hFSH, hTSH
- Shelf Life : 24 months when stored at 2-30°C
- Pack Size : 5, 25 Tests
- Result Time : Within 20 minutes



CARDIAC MARKER

Let's Confirm it TROPONIN I Rapid Test

Troponin I (cTnI) Test is a rapid immuno-chromatographic assay for the qualitative detection of human cardiac Troponin I in whole blood, serum, or plasma.

- ➔ POC test suitable for emergency care in detecting cardiac troponin.
- ➔ Limit of Detection : 0.25ng/ml
- ➔ Sensitivity : 99%
- ➔ Specificity : 100%
- ➔ Specimen : Serum/ Plasma/ Whole blood
- ➔ Sample Volume : 50µl (Serum or Plasma or Whole blood)
- ➔ No cross-reaction to Troponin T or Troponin C
- ➔ Shelf Life : 24 months when stored at 2-30°C
- ➔ Pack Size : 5, 25, 50 Tests
- ➔ Result Time : Within 20 minutes



GENETIC DISORDERS

Alpine Sickle SCAN Rapid Test

Sickle SCAN Test is a rapid immuno-chromatographic assay for the diagnosis of sickle cell disorders of hemoglobins A, S, & C using blood.

- ➔ Sensitivity : 99%
- ➔ Specificity : 99%
- ➔ Specimen : Whole blood
- ➔ Sample Volume : 5µl (Whole blood)
- ➔ No cross-reaction to albumin, Bilirubin, Penicillin, Triglycerides etc.
- ➔ Shelf Life : 24 months when stored at 2-30°C
- ➔ Pack Size : 5, 20 Tests
- ➔ Result Time : Within 10 minutes





ALPINE

BIOMEDICALS

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GLOBAL FOOTPRINTS



CORPORATE OFFICE

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