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# IVD STRIPS

*(Glucose, Urine & Pregnancy)*

**IN VITRO DIAGNOSTIC  
MEDICAL DEVICES**

**MANUFACTURING  
BUSINESS**



# Introduction

*IVD Strips (Intravenous Diagnostic Strips) are medical strips used to diagnose a patient's health in a variety of areas, including blood glucose levels, urinalysis, and pregnancy tests. An IVD Strip is a chemical analysis device that detects specific components present in small amounts in a liquid sample. A chemically treated silica gel is coated with a mixture of antibodies or other binding reagents.*





*The test strips react by binding to analytes in biological fluids like urine or blood and collecting them. These complexes are then detected using agents that are coupled to enzymes and give colorimetric or fluorometric signals that may be viewed visually using a spectrophotometer. As a result, chemicals existing at low quantities can be quantified.*



*Immunoassays account for roughly 80% of all tests carried out in medical diagnostic laboratories. Glucose monitoring (through urine) and pregnancy testing based on human chorionic gonadotropin detection are two examples.*





# Uses of IVD Strips



*They are used to check body fluid status like glucose level in blood, urine, and pregnancy. They help people become healthy and fit. The strip helps doctors diagnose critical health problems quickly and efficiently because it uses a small amount of blood or urine so it is very convenient. An individual can also take test easily at home with strips that come along with their kits.*

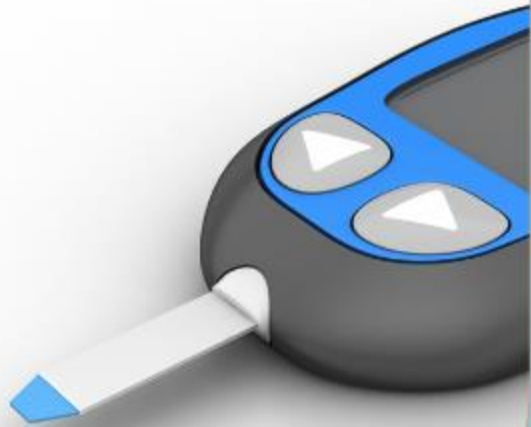


*It has one advantage over other testing procedures because it gives accurate results rapidly at any place and requires less lab equipment than other test methods. Another strength of these strips is its ability to indicate changes immediately which makes it efficient when reacting to urgent medical situations that arise unexpectedly.*



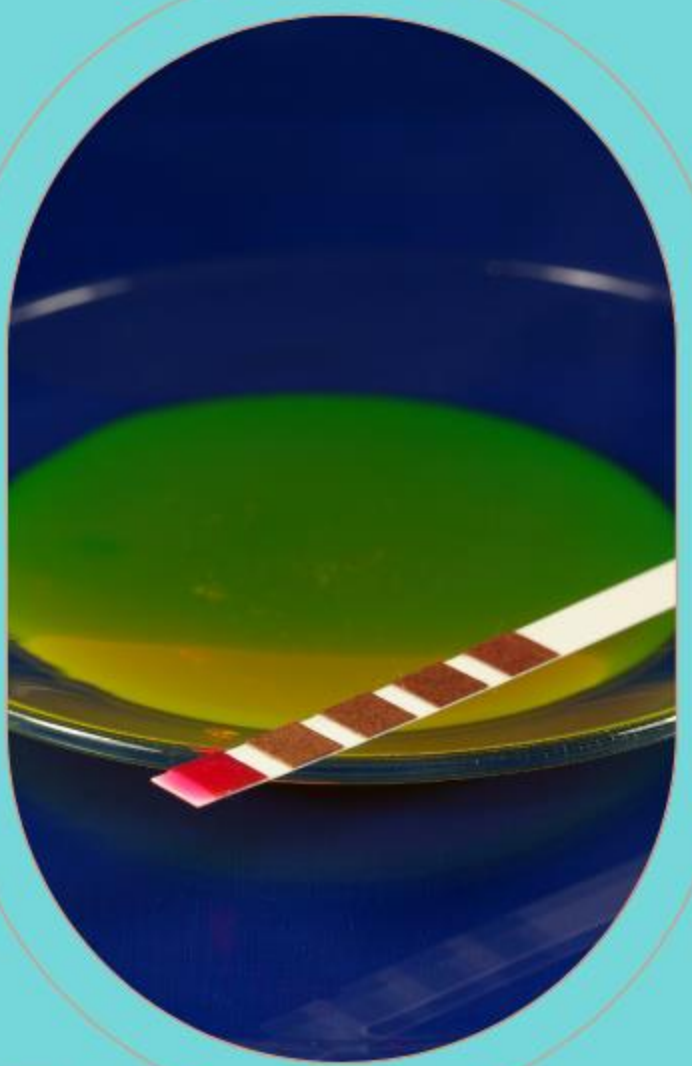


# Market Demand



*Test strips for blood, urine, and glucose analysis are today considered one of the most significant tools in Point-of-Care diagnostics. The detection and monitoring of blood glucose, pregnancy, cholesterol, rapid coagulation, infectious disease, and other health-related indicators is a rapidly developing market. This expanding market has created a climate conducive to innovation, resulting in new ideas and technologies.*





*There's additional good news if you're an inventor or have a startup in this field: investors see the potential as well. Since 2009, the sector has seen practically continuous funding growth, with funding for test strip applications approaching \$2.5 billion last year.*





➤ **Personalized medicine is on the rise.**

*The success of personalised medicine, which is now driving uptake of numerous IVD tests, is projected to keep the business afloat. In customised medicine, IVDs, primarily companion diagnostics, play a critical role. The IVD industry's commercial success depends on increasing government and other stakeholders' funding in programmes that promote healthcare.*



# Why you Should Start This Business

*The medical industry is one of if not the fastest growing industries in terms of new innovations and products. The global market for in vitro diagnostic (IVD) devices and assays are forecast to increase up to \$67.2 billion. With high profit margins along with low cost of entry into manufacturing, it's time to take advantage of what could be one of today's best investment opportunities.*





*In fact, a recent report shows that five years from now there will be an oversupply in under penetrated markets due to increased regulation along with changing market dynamics such as increasing special needs patients in India coupled with fewer blockbuster drugs from companies such as Roche and Pfizer.*



*Given these factors and many more, we have identified three quick starting points below on how you can start your own business:*


- 1. Build a strong distribution channel*
- 2. Purchase semi-automatic IVD device*
- 3. Oligonucleotide Synthesis what makes the market so attractive is clear - growth potential in segments like diabetes testing, infant screening and genetic testing - paired with low regulatory risk make IVD device startups ripe...*





*...for healthy returns on investments across all stages: developmental stage through commercialized product stage. Another reason why IVD equipment is a better investment opportunity than any other segment such as precision agriculture or green energy is because once you develop a device, there isn't another iteration to go back to but rather incremental upgrades that continually sell off last year's models.*





*All of which is good news for investors interested in finding an alternative asset class outside equities and bonds yet still provides enough liquidity within its ecosystem.*





- 1. What is IVD Strips Manufacturing industry ?**
- 2. How has the IVD Strips Manufacturing industry performed so far and how will it perform in the coming years ?**
- 3. What is the Project Feasibility of IVD Strips Manufacturing Plant ?**
- 4. What are the requirements of Working Capital for setting up IVD Strips Manufacturing plant ?**



- 5. What is the structure of the IVD Strips Manufacturing Business and who are the key/major players ?**
- 6. What is the total project cost for setting up IVD Strips Manufacturing Business?**
- 7. What are the operating costs for setting up IVD Strips Manufacturing plant ?**
- 8. What are the machinery and equipment requirements for setting up IVD Strips Manufacturing plant ?**





- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up IVD Strips Manufacturing plant ?**
- 10. What are the requirements of raw material for setting up IVD Strips Manufacturing plant ?**
- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up IVD Strips Manufacturing Business?**
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- 13. What is the total size of land required for setting up IVD Strips Manufacturing plant ?**
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**18. What are the Personnel (Manpower) Requirements for setting up IVD Strips Manufacturing Business?**

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**28. What is the Market Study and Assessment for setting up IVD Strips Manufacturing Business?**

**29. What is the Plant Layout for setting up IVD Strips Manufacturing Business?**



# TAGS

***#DetailedProjectReport***

***#BusinessIdeas***

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***#IVDStrips***

***#InVitroDiagnosticMedicalDevices***

***#IVDStripsManufacturing***

***#IVDStripsBusiness***

***#IVDStripsProduction***



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- **BIS (Bureau of Indian Standards) Provision & Specification**
- **Uses & Applications**

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# For more Projects and further details, visit at:

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# Reasons for Buying Our Report



- ✓ **The report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product**
  - ✓ **This report provides vital information on the product like it's characteristics and segmentation**
  - ✓ **This report helps you market and place the product correctly**
-  **by identifying the target customer group of the product**

- ✓ **This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- ✓ **The report provides a glimpse of government regulations applicable on the industry**
- ✓ **The report provides forecasts of key parameters which helps anticipate the industry performance and make sound business**

 **decisions**

# Our Approach





- **Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.**
- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
- **We use reliable sources of information and databases. And information from such sources is processed by us and included in the report**

## **Free Instant Online Project Identification and Selection Service**

**Our Team has simplified the process for you by providing a "Free Instant Online Project Identification & Selection" search facility to identify projects based on multiple search parameters related to project costs namely: Plant & Machinery Cost, Total Capital Investment, Cost of the project, Rate of Return% (ROR) and Break Even Point % (BEP). You can sort the projects on the basis of mentioned pointers and identify a suitable project matching your investment requisites.....[Read more](#)**

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**NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.**

**Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.**

**And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:**

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

**The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,**



**Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.**

**We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in India along with its business prospects.....[Read more](#)**

## Who are we?

**A trusted and leading name in the industry, we have been putting forth exceptionally integrated and comprehensive technical consultancy services. We believe that project consultancy serves as a critical element for the success of your projects. Moreover, we keep in mind that no client is the same and nor are the requirements. Therefore, we ensure uniqueness in every service you avail from us.**

- **Project Identification**
- **Detailed Project Reports/Pre-feasibility Reports**
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- **Industry Trend**
- **Databases on CD-ROM**
- **Laboratory Testing Services**
- **Turnkey Project Consultancy/Solutions**
- **Entrepreneur India (An Industrial Monthly Journal)**



## How are we different ?

- We have two decades long experience in project consultancy and market research field
- We empower our customers with the prerequisite know-how to take sound business decisions
- We help catalyze business growth by providing distinctive and profound market analysis
- We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors
- We use authentic & reliable sources to ensure business precision

## **Who do we Serve?**

- Public-sector Companies
- Corporates
- Government Undertakings
- Individual Entrepreneurs
- NRI's
- Foreign Investors
- Non-profit Organizations, NBFC's
- Educational Institutions
- Embassies & Consulates
- Consultancies
- Industry / trade associations





# Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation



- Ayurvedic And Herbal Medicines, Herbal Cosmetics
- Alcoholic And Non Alcoholic Beverages, Drinks
- Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin
- Activated Carbon & Activated Charcoal
- Aluminium And Aluminium Extrusion Profiles & Sections,
- Bio-fertilizers And Biotechnology
- Breakfast Snacks And Cereal Food
- Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling
- Bamboo And Cane Based Projects
- Building Materials And Construction Projects
- Biodegradable & Bioplastic Based Projects
- Chemicals (Organic And Inorganic)
- Confectionery, Bakery/Baking And Other Food
- Cereal Processing
- Coconut And Coconut Based Products
- Cold Storage For Fruits & Vegetables
- Coal & Coal Byproduct
- Copper & Copper Based Projects



- Dairy/Milk Processing
- Disinfectants, Pesticides, Insecticides, Mosquito Repellents,
- Electrical, Electronic And Computer based Projects
- Essential Oils, Oils & Fats And Allied
- Engineering Goods
- Fibre Glass & Float Glass
- Fast Moving Consumer Goods
- Food, Bakery, Agro Processing
- Fruits & Vegetables Processing
- Ferro Alloys Based Projects
- Fertilizers & Biofertilizers
- Ginger & Ginger Based Projects
- Herbs And Medicinal Cultivation And Jatropha (Biofuel)
- Hotel & Hospitality Projects
- Hospital Based Projects
- Herbal Based Projects
- Inks, Stationery And Export Industries
- Infrastructure Projects
- Jute & Jute Based Products



- Leather And Leather Based Projects
- Leisure & Entertainment Based Projects
- Livestock Farming Of Birds & Animals
- Minerals And Minerals
- Maize Processing(Wet Milling) & Maize Based Projects
- Medical Plastics, Disposables Plastic Syringe, Blood Bags
- Organic Farming, Neem Products Etc.
- Paints, Pigments, Varnish & Lacquer
- Paper And Paper Board, Paper Recycling Projects
- Printing Inks
- Packaging Based Projects
- Perfumes, Cosmetics And Flavours
- Power Generation Based Projects & Renewable Energy Based Projects
- Pharmaceuticals And Drugs
- Plantations, Farming And Cultivations
- Plastic Film, Plastic Waste And Plastic Compounds
- Plastic, PVC, PET, HDPE, LDPE Etc.



- Potato And Potato Based Projects
- Printing And Packaging
- Real Estate, Leisure And Hospitality
- Rubber And Rubber Products
- Soaps And Detergents
- Stationary Products
- Spices And Snacks Food
- Steel & Steel Products
- Textile Auxiliary And Chemicals
- Township & Residential Complex
- Textiles And Readymade Garments
- Waste Management & Recycling
- Wood & Wood Products
- Water Industry(Packaged Drinking Water & Mineral Water)
- Wire & Cable





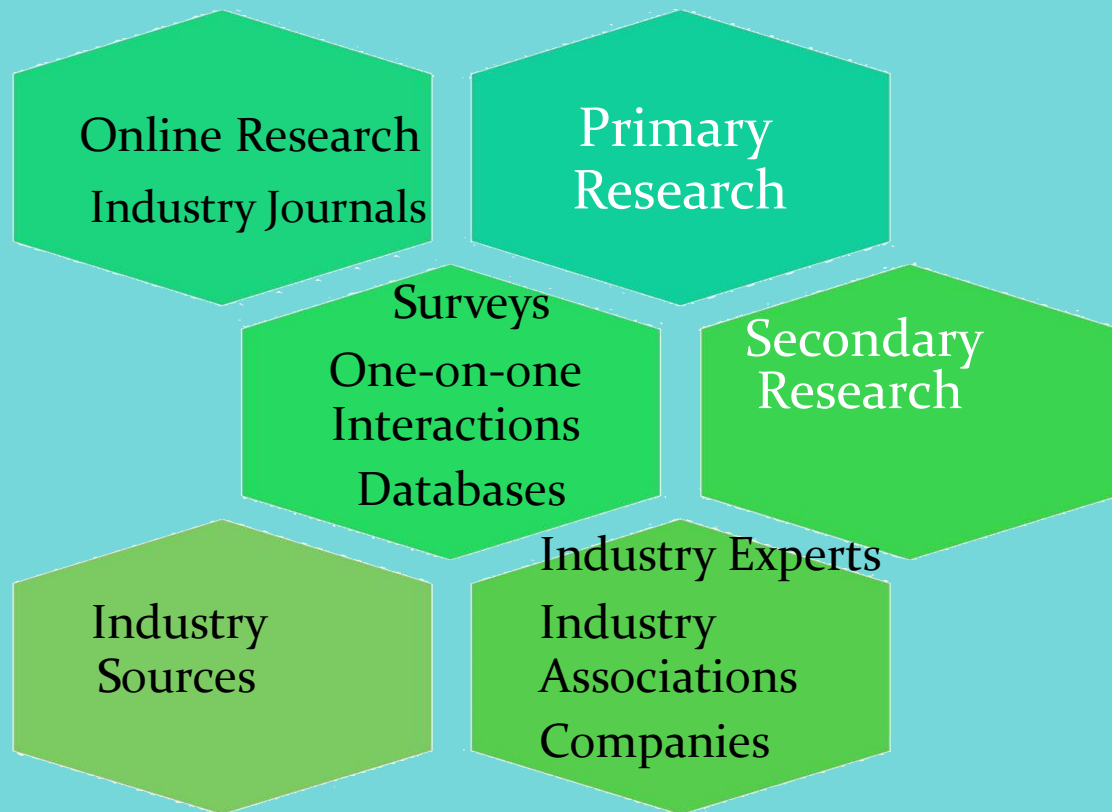
- To get a detailed scenario of the industry along with its structure and classification
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  - SWOT Analysis
  - Demand-Supply Situation
  - Foreign Trade
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- To provide forecasts of key parameters which helps to anticipate the industry performance
- To help chart growth trajectory of a business by detailing the factors that affect the industry growth
- To help an entrepreneur/manager in keeping abreast with the changes in the industry
- To evaluate the competitive landscape of the industry by detailing:
  - Key players with their market shares
  - Financial comparison of present players

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# Data Sources



# Scope & Coverage



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