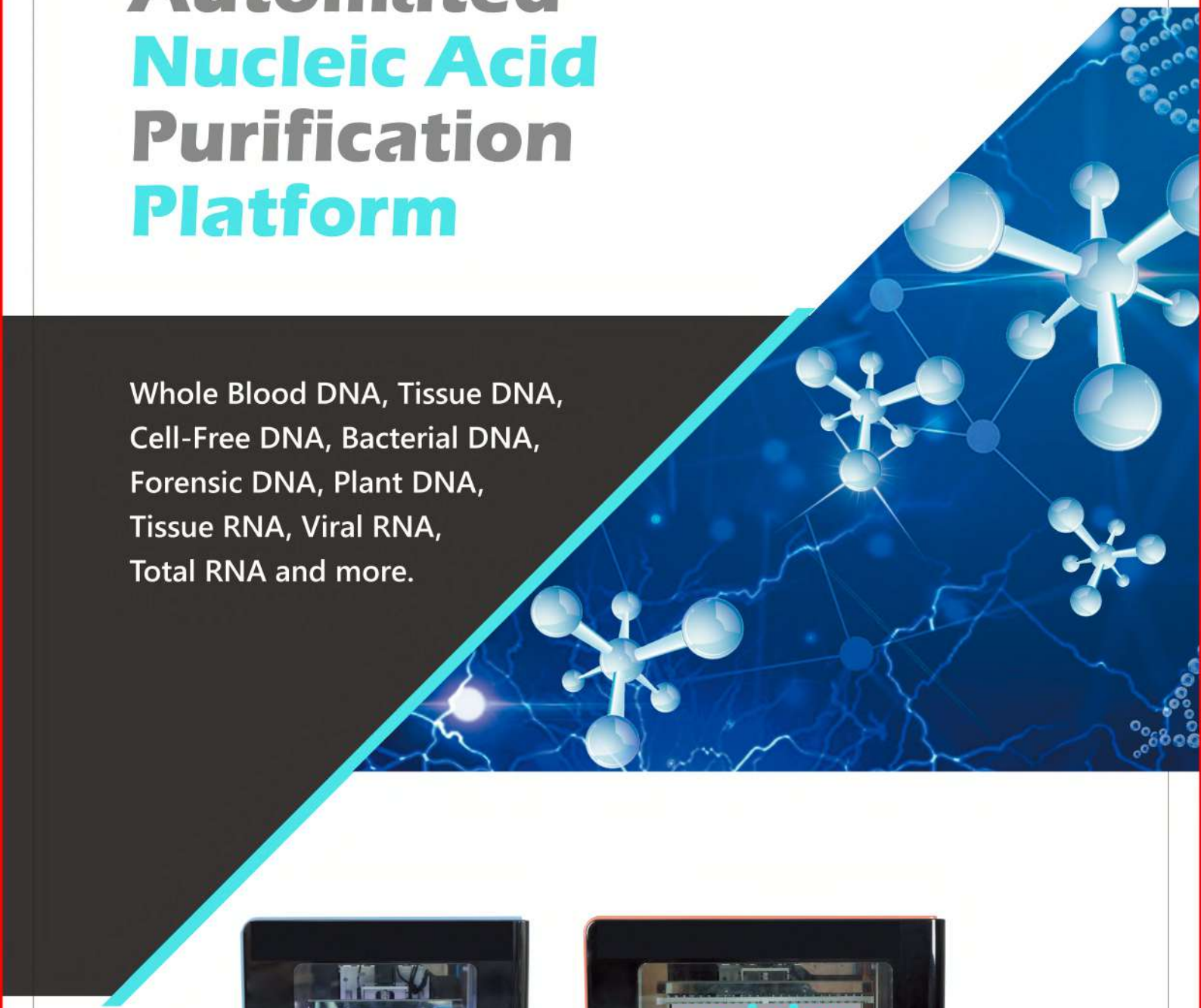
iNA™ Automated Nucleic Acid Purification Platform

INVision Precision Medicine



Whole Blood DNA, Tissue DNA,
Cell-Free DNA, Bacterial DNA,
Forensic DNA, Plant DNA,
Tissue RNA, Viral RNA,
Total RNA and more.

iNA16™

iNA24™

Clinical & Research Targets

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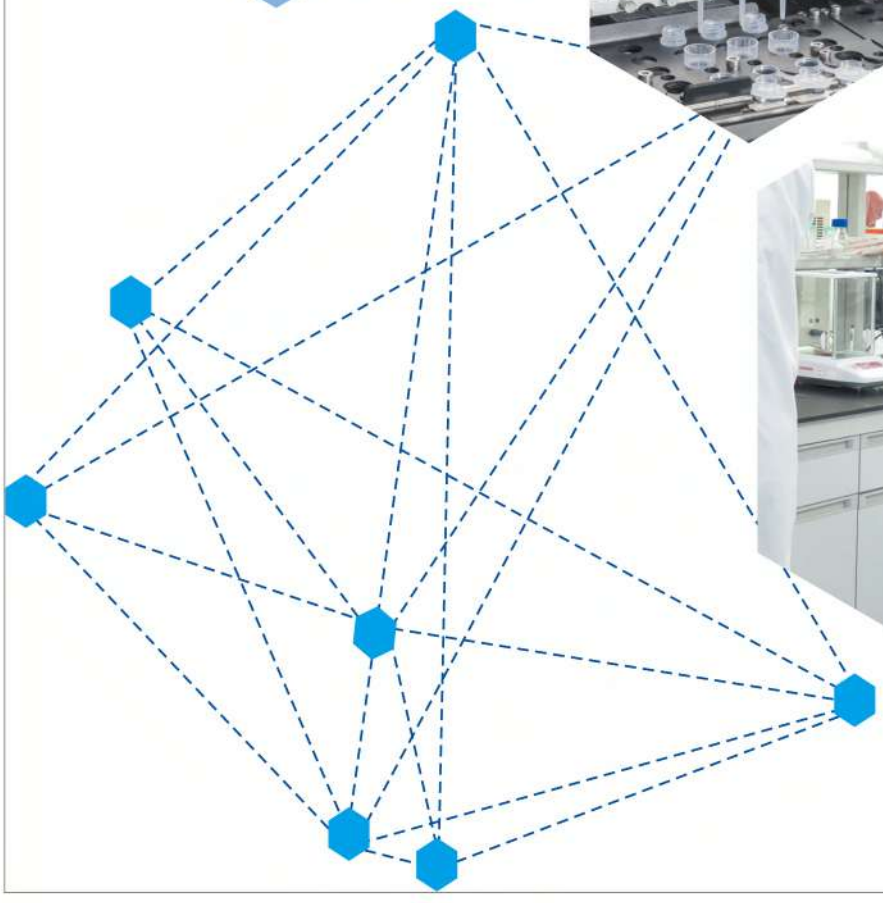
DNA

NA

RNA



iNA™ Core Technologies

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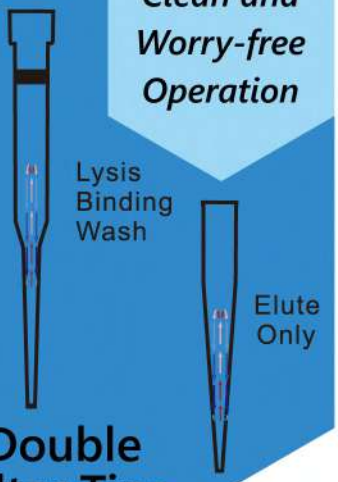
1 High Precision Liquid Handling Procedures

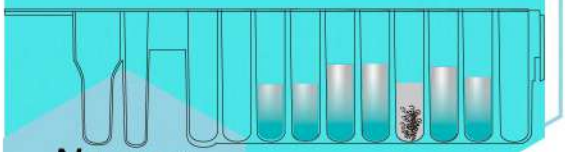
No liquid residue issues

2 Double Filter Tips



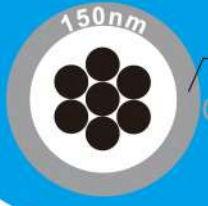
Clean and Worry-free Operation

3 Separable Reagent Strips



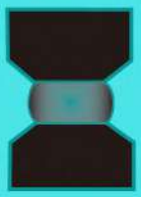
No cross conta-mination

4 Advanced Magnetic Nano Beads



Superior Results in Yield & Purity

5 Rubber Coupling



Lowest Maintenance without Extra Costs

iNA™ System Components

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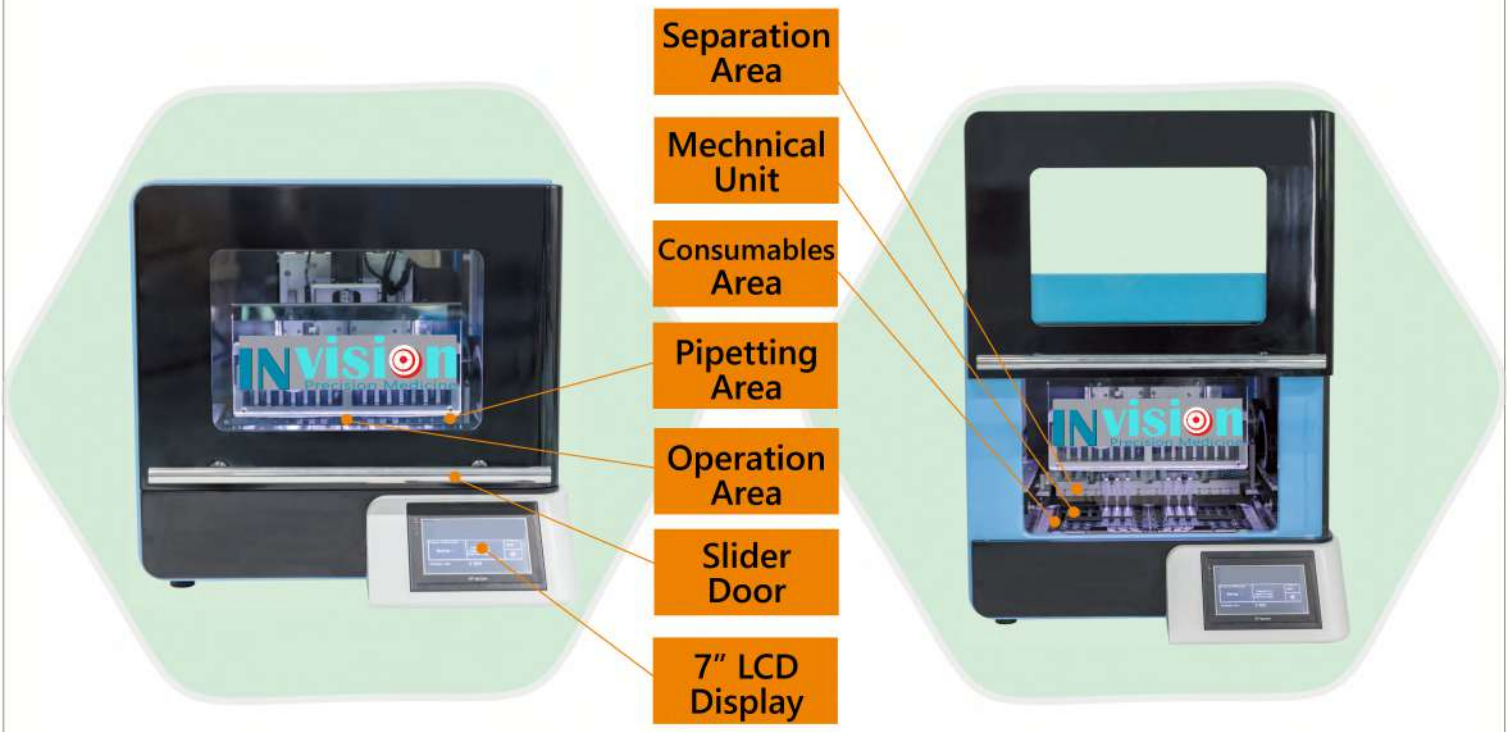


Ready-to-go in 3 easy steps:

High-Class Consumables	Tip Frame	Reagent Frame	Reagent Cartridge
Sample Tip	Elute Tip with Cap	Filter Tip & Holder	Power Cord

iNA16™ Introduction

iNA16™ is a fully automated nucleic acid extraction platform that can process between 1 and 16 biological samples of various types simultaneously per run. The platform is based on the recognized Liquid Handing and Magnetic Beads (Silica coated) technologies, and replaces traditional manual extraction methods by minimizing human interaction mistakes, as well as avoiding cross-contamination. High operation accuracy is resulting in superior elute products, suitable for any subsequent use in demanding clinical or research applications. The patented independent elution head design of iNA16™ is guaranteeing users residue-free elute, and improves the purity of processed samples. A large-sized touch-screen display with graphical user interface is providing users an easy and convenient handling experience. iNA16™ does not require long training processes nor maintenance.

iNA16™ Specifications

INVision Precision Medicine

Device Specifications

Model Name: iNA16™

Cat. No.: IN-NA-16

UV Lamp: 8 W (>1,000 h+)

Heating Block Temperature: Up to 100 °C

LCD Display: 7'' multi color touch-screen

Power Voltage: AC 100-240 V

Electrical Frequency: 50/60 HZ

Operating Parameter

Sample Throughput: 1-16 simultaneously

Sample Forms: Liquid and most solid biological samples can be directly processed

Operating Time: 35-90 minutes (depending on sample type and operation program)

Sample Volume: 200/400/1200 µl (depending on kit)

Elution Volume: 30/60/100/150/200 µl

Expected Yield: 6 pg of genomic DNA can be extracted per 200 µl of whole blood

Expected Purity: OCHS A260/A280=1.8±l

Operating Environment

Transport/Strorage Temperature: RT

Operating Temperature: RT

System Features

Features: Automatic Pipette pumping, Double Tip technology, Magnetic bead adsorption in pipette tip

Accessories: Tube Rack, Reagent Bar Rack, Test Kit (Contact us for the latest updates)

iNA24™ Introduction

iNA24™ is a fully automated nucleic acid extraction platform that can process between 1 and 24 biological samples of various types simultaneously per run. The platform is based on the recognized Liquid Handing and Magnetic Beads (Silica coated) technologies, and replaces traditional manual extraction methods by minimizing human interaction mistakes, as well as avoiding cross-contamination. High operation accuracy is resulting in superior elute products, suitable for any subsequent use in demanding clinical or research applications. The patented independent elution head design of iNA24™ is guaranteeing users residue-free elute, and improves the purity of processed samples. A large-sized touch-screen display with graphical user interface is providing users an easy and convenient handling experience. iNA24™ does not require long training processes nor maintenance.

iNA24™ Specifications

INVision Precision Medicine

Device Specifications

Model Name: iNA24™

Cat. No.: IN-NA-24

UV Lamp: 8 W (>1,000 h+)

Heating Block Temperature: Up to 100 °C

LCD Display: 7'' multi color touch-screen

Power Voltage: AC 100-240 V

Electrical Frequency: 50/60 HZ

Operating Parameter

Sample Throughput: 1-24 simultaneously

Sample Forms: Liquid and most solid biological samples can be directly processed

Operating Time: 50-90 minutes (depending on sample type and operation program)

Sample Volume: 200/400/1200 µl (depend. on kit)

Elution Volume: 30/60/100/150/200 µl

Expected Yield: 6 pg of genomic DNA can be extracted per 200 µl of whole blood

Expected Purity: OCHS A260/A280=1.8±l

Operating Environment

Transport/Strorage Temperature: RT

Operating Temperature: RT

System Features

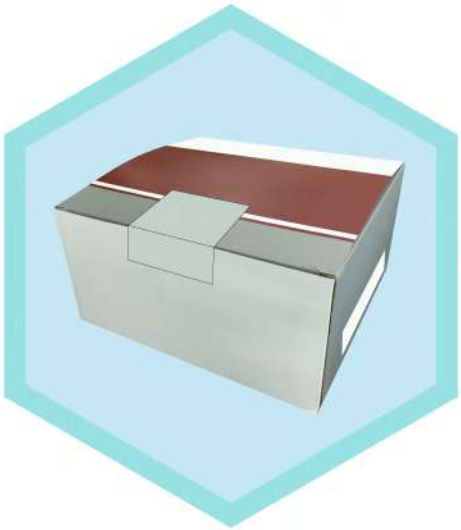
Features: Automatic Pipette pumping, Double Tip technology, Magnetic Bead adsorption in pipette tip

Accessories: Tube Rack, Reagent Bar Rack, Test Kit (Contact us for the latest updates)

iNA™ Reagent Kits & Applications

INVision Precision Medicine

With a wide assortment of pre-packed reagent kits, iNA16™ and iNA24™ are suitable for any lab, in clinical diagnostics, life sciences, research, forensics, food safety, veterinary, and more. iNA™ Reagent Kits contain all necessary parts for 96 or 72 samples, and can be easily disposed because INvision uses only non hazardous materials and liquids.



No.	Cat. No.	Item Name	Size
1	IN-NA-101	iNA™ Genomic DNA Whole Blood Extraction Kit	96 preps
2	IN-NA-103	iNA™ Genomic DNA Tissue Extraction Kit	96 preps
3	IN-NA-104	iNA™ Genomic DNA Cultured Cells Extraction Kit	96 preps
4	IN-NA-105	iNA™ Genomic DNA Plant Extraction Kit	96 preps
5	IN-NA-201	iNA™ Genomic DNA FFPE One-Step Extraction Kit	72 preps
6	IN-NA-202	iNA™ Total RNA FFPE One-Step Extraction Kit	72 preps
7	IN-NA-301	iNA™ Total RNA Blood Extraction Kit	96 preps
8	IN-NA-302	iNA™ Total RNA Tissue Extraction Kit	96 preps
9	IN-NA-401	iNA™ Viral Nucleic Acid Extraction Kit	96 preps
10	IN-NA-402	iNA™ Viral Nucleic Acid Extraction Kit (Large Volume)	96 preps
11	IN-NA-501	iNA™ Bacterial DNA Kit (Gram +/-)	96 preps
12	IN-NA-601	iNA™ Cell-Free DNA Extraction Kit (1.2 mL)	96 preps
13	IN-NA-602	iNA™ Cell-Free DNA Extraction Kit (2.0 mL)	96 preps
14	IN-NA-603	iNA™ Cell-Free DNA Extraction Kit (4.0 mL)	96 preps

Contact us for further information on applications and future developments.

INvision Precision Medicine

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