

REAGENTS





I Nucleic Acid Extraction Kits (MAGNETIC BEAD METHOD)

Nucleic acid extraction is an important initial step for nucleic acid testing, and the quality of nucleic acid extraction products can directly impact the accuracy of nucleic acid testing results.

Tianlong offers a range of over 40 superior reagents based on the magnetic-bead method for the extraction of nucleic acids from whole blood, serum, plasma, swabs, feces, animal and plant tissues, etc. These products are approved by NMPA (China), FDA (US), KFDA (South Korea), and CE-certified among many other official certifications. To meet your extraction needs in various scenarios, all the kits are provided pre-filled in single rows or in plates (20T / 40T / 48T / 64T / 96T).

Working with Tianlong automation nucleic acid extractor and workstations, such as PANA 9600S, Libex, GeneRotex 96, Tianlong magnetic bead kits can capture nucleic acids from 96 samples within 20 minutes.

Viral RNA / DNA Extraction Kits

| No. | Catalog No. | Product Name | Model | Specifications | Sample Type |
|-----|-------------|----------------------------------|---|---|--|
| 1 | T050H | Viral DNA and RNA Extraction Kit | Ex-DNA / RNA in viruses (5.0) | 64T/Kit (pre-filled), 16T/Plate × 4 Plates | Swab, Saliva and other liquid samples. |
| 2 | T051H | | | 40T/Kit (pre-filled), 10T/Plate × 4 Plates | |
| 3 | T052H | | | 20T/Kit (pre-filled), 5T/Plate × 4 Plates | |
| 4 | T324H | Viral DNA and RNA Extraction Kit | Ex-DNA / RNA in viruses (4.0) | 64T/Kit (pre-filled), 16T/Plate × 4 Plates | Serum, Plasma, Urine, Swab medium, etc. |
| 5 | T322H | | | 40T/Kit (pre-filled), 10T/Plate × 4 Plates | |
| 6 | T323H | | | 20T/Kit (pre-filled), 5T/Plate × 4 Plates | |
| 7 | T038H | | | 20T/Kit (DT6, pre-filled), 1T/Strip × 20 Strips | |
| 8 | T041H | Viral DNA and RNA Extraction Kit | Ex-DNA / RNA in viruses (4.0L) | 48T/Kit (pre-filled), 8T/Plate × 6 Plates | Whole blood, Serum, Plasma, Tissue fluid, Urine, Swab medium, etc. |
| 9 | T325H | Viral DNA and RNA Extraction Kit | Ex-DNA / RNA in viruses (only for Tianlong PANA 9600S) | 96T/Kit (pre-filled) 16T/Plate × 6 Plates | Serum, Plasma, Urine, Swab medium, etc. |
| 10 | T014H | Viral DNA and RNA Extraction Kit | Ex-DNA / RNA in viruses (for SARS-CoV-2 Rapid Extraction) | 64T/Kit (pre-filled), 16T/Plate × 4 Plates | Swab medium, etc. |
| 11 | T016H | | | 20T/Kit (DT6, pre-filled), 1T/Strip × 20 Strips | |
| 12 | T112H | Nucleic Acid Extraction Kit | Ex-DNA in HCMV / EB virus | 64T/Kit (pre-filled), 16T/Plate × 4 Plates | Serum, Plasma, Whole blood, etc. |
| 13 | T111H | | | 20T/Kit (pre-filled), 5T/Plate × 4 Plates | |
| 14 | T123H | | | 20T/Kit (DT6, pre-filled), 1T/Strip × 20 Strips | |
| 15 | T114H | Nucleic Acid Extraction Kit | Ex-DNA in HPV | 64T/Kit (pre-filled), 16T/Plate × 4 Plates | Cytobrush collection medium, etc. |
| 16 | T113H | | | 20T/Kit (pre-filled), 5T/Plate × 4 Plates | |
| 17 | T115H | | | 20T/Kit (DT6, pre-filled), 1T/Strip × 20 Strips | |

Whole Blood Genomic DNA Extraction Kits

| No. | Catalog No. | Product Name | Model | Specifications | Sample Type |
|-----|-------------|--|-------------------------------|---|-------------------|
| 1 | T146H | Whole Blood Genomic DNA Extraction Kit | Ex-Genomic DNA in Whole blood | 64T/Kit (pre-filled), 16T/Plate × 4 Plates | Whole blood, etc. |
| 2 | T148H | | | 40T/Kit (pre-filled), 10T/Plate × 4 Plates | |
| 3 | T147H | | | 20T/Kit (pre-filled), 5T/Plate × 4 Plates | |
| 4 | T149H | | | 20T/Kit (DT6, pre-filled), 1T/Strip × 20 Strips | |

Bacterial Genomic DNA Extraction Kits

| No. | Catalog No. | Product Name | Model | Specifications | Sample Type |
|-----|-------------|-----------------------------|-----------------------------|---|---|
| 1 | T132H | Nucleic Acid Extraction Kit | Ex-Genomic DNA in Bacterial | 64T/Kit (pre-filled), 16T/Plate × 4 Plates | Bacterial suspension culture, Swab medium, Sputum, Urine, Stool, etc. |
| 2 | T131H | | | 20T/Kit (pre-filled), 5T/Plate × 4 Plates | |
| 3 | T136H | Nucleic Acid Extraction Kit | Ex-DNA in TB | 20T/Kit (pre-filled), 5T/Plate × 4 Plates | Sputum, etc. |
| 4 | T137H | | | 20T/Kit (DT6, pre-filled), 1T/Strip × 20 Strips | |

Special Sample Nucleic Acid Extraction Kits

| No. | Catalog No. | Product Name | Model | Specifications | Sample Type |
|-----|-------------|-----------------------------|--|---|--|
| 1 | T085H | Nucleic Acid Extraction Kit | Ex-Genomic DNA in Plant Tissues | 64T/Kit (pre-filled), 16T/Plate × 4 Plates | Blade, Pulp, Seed, Tuber, etc. |
| 2 | T084H | | | 20T/Kit (pre-filled), 5T/Plate × 4 Plates | |
| 3 | T087H | | | 20T/Kit (DT6, pre-filled), 1T/Strip × 20 Strips | |
| 4 | T093H | Nucleic Acid Extraction Kit | Ex-Genomic DNA in Animal Tissues | 64T/Kit (pre-filled), 16T/Plate × 4 Plates | Animal tissues, etc. |
| 5 | T150H | Nucleic Acid Extraction Kit | Ex-Genomic DNA in dried blood spots (DBS) | 64T/Kit (pre-filled), 16T/Plate × 4 Plates | Dried blood spot (DBS), etc. |
| 6 | T152H | | | 40T/Kit (pre-filled), 10T/Plate × 4 Plates | |
| 7 | T151H | | | 20T/Kit (pre-filled), 5T/Plate × 4 Plates | |
| 8 | T153H | | | 20T/Kit (DT6, pre-filled), 1T/Strip × 20 Strips | |
| 9 | T165H | Nucleic Acid Extraction Kit | Ex-DNA in FFPE | 64T/Kit (pre-filled), 16T/Plate × 4 Plates | Formalin-fixed paraffin embedded (FFPE) tissue, etc. |
| 10 | T162H | | | 20T/Kit (pre-filled), 5T/Plate × 4 Plates | |
| 11 | T161H | | | 20T/Kit (DT6, pre-filled), 1T/Strip × 20 Strips | |
| 12 | T171H | Nucleic Acid Extraction Kit | Plasma/Serum Cell-Free Circulating DNA Isolation Kit | 20T/Kit (DT6, pre-filled), 1T/Strip × 20 Strips | Serum, Plasma, etc. |
| 13 | T180H | Nucleic Acid Extraction Kit | Ex-DNA / RNA in stool | 64T/Kit (pre-filled), 16T/Plate × 4 Plates | Stool, etc. |
| 14 | T181H | | | 20T/Kit (pre-filled), 5T/Plate × 4 Plates | |
| 15 | T182H | | | 20T/Kit (DT6, pre-filled), 1T/Strip × 20 Strips | |
| 16 | T192H | Nucleic Acid Extraction Kit | Ex-DNA in buccal swab | 64T/Kit (pre-filled), 16T/Plate × 4 Plates | Buccal swab, etc. |
| 17 | T191H | | | 20T/Kit (pre-filled), 5T/Plate × 4 Plates | |
| 18 | T202H | Nucleic Acid Extraction Kit | Ex-Genomic DNA in amniotic fluid | 64T/Kit (pre-filled), 16T/Plate × 4 Plates | Amniotic fluid, etc. |
| 19 | T201H | | | 20T/Kit (pre-filled), 5T/Plate × 4 Plates | |
| 20 | T321H | | | 20T/Kit (DT6, pre-filled), 1T/Strip × 20 Strips | |
| 21 | T901H | Nucleic Acid Extraction Kit | Ex-DNA in plasmid | 64T/Kit (pre-filled), 16T/Plate × 4 Plates | Bacterial culture, etc. |
| 22 | T936H | | | 20T/Kit (DT6, pre-filled), 1T/Strip × 20 Strips | |

FEATURED PRODUCTS

[Viral DNA and RNA Extraction Kit]

(for SARS-CoV-2 Rapid Extraction)

Designed for rapid and highly efficient extraction of nucleic acids from SARS-CoV-2 in test swabs, especially for low-copy samples

CATALOG NO.: T014H

MODEL: Ex-DNA / RNA in viruses

SPECIFICATIONS: 64T/Kit (pre-filled), 16T/Plate × 4 Plates

SAMPLE TYPE: Swab medium, etc.

FEATURES: (1) No need for proteinase K, run directly.
(2) Fast extraction from 96 samples completed within 20 min, with highly stable and repeatable results.
(3) Excellent consistency, <15% inter-batch or intra-batch variation.

[Viral DNA and RNA Extraction Kit]

Designed for extraction and purification of viral nucleic acids in all types of samples including serum, plasma, urine, and swab medium, etc.

CATALOG NO.: T324H

MODEL: Ex-DNA / RNA in viruses (4.0)

SPECIFICATIONS: 64T/Kit (pre-filled), 16T/Plate × 4 Plates

FEATURES: (1) Extraction sensitivity: from the lower limit of 10 IU/mL DNA, 30 IU/mL RNA viral load.
(2) Precision: the coefficient of variation CV ≤5%.
(3) Designed for a wide variety of sample types for a broad range of applications.

[Whole Blood Genomic DNA Extraction Kit]

Designed for fast and efficient extraction and purification of genomic DNA in whole blood.

CATALOG NO.: T146H

MODEL: Ex-Genomic DNA in Whole blood

SPECIFICATIONS: 64T/Kit (pre-filled), 16T/Plate × 4 Plates

SAMPLE TYPE: Whole blood

FEATURES: (1) High-efficiency, high-quality extraction of genomic DNA from whole-blood samples, especially from low-abundance samples.

(2) Fast extraction from 96 samples in one run via PANA 9600S or GeneRotex 96, with highly stable and repeatable results.

(3) Excellent consistency, <15% inter-batch or intra-batch variation.

