

FAST | EASY | AFFORDABLE | SAFE | RELIABLE

## Rapid and Affordable Nucleic Acid Extraction

### OVERVIEW

Nearly every life science research and molecular diagnostic laboratory requires a rapid means of extracting DNA and/or RNA. Using a RAININ® EDP3-Plus™ Advanced Electronic Pipette with LTS®, Akonni TruTip Kits deliver inhibitor-free, PCR-ready nucleic acid in as few as 4 minutes. TruTips can process a wide range of sample sources (blood, culture, sputum, urine, etc.), sample viscosities (thick or thin), and types (bacterial, viral or genomic). For more viscous samples, select TruTip LPT tips; for less viscous samples and higher recovery, select TruTip SPT tips.

Some TruTip kits are available in both 2-ml and 1-ml formats. The 2-ml format accommodates larger samples, while the 1-ml format is compatible with multi-channel pipettes.

### MICROBIAL DNA/RNA EXTRACTION KITS

**TruTip DNA Kits:** To extract DNA from bacterial or viral pathogens.

#### LPT Kits for more viscous samples

- 300-10601 TruTip DNA Kit (2-ml Rainin LTS, 60 LPT)
- 300-10611 TruTip DNA Kit (1-ml Rainin LTS, 96 LPT)

#### SPT Kits for less viscous samples and higher recovery

- 300-10600 TruTip DNA Kit (2-ml Rainin LTS, 60 SPT)
- 300-10610 TruTip DNA Kit (1-ml Rainin LTS, 96 SPT)

#### Combination SPT/LPT Kits for a range of applications

- 300-10607 TruTip DNA Kit (2-ml Rainin LTS, 30 SPT/30 LPT)
- 300-10617 TruTip DNA Kit (1-ml Rainin LTS, 48 SPT/48 LPT)

**TruTip RNA Kits:** To extract RNA from bacterial or viral pathogens. While optimized for RNA, can also be used to extract DNA.

#### LPT Kits for more viscous samples

- 300-10801 TruTip DNA Kit (2-ml Rainin LTS, 60 LPT)

#### SPT Kits for less viscous samples and higher recovery

- 300-10800 TruTip DNA Kit (2-ml Rainin LTS, 60 SPT)

#### Combination SPT/LPT Kits for a range of applications

- 300-10807 TruTip DNA Kit (2-ml Rainin LTS, 30 SPT/30 LPT)



**TruTip XT DNA Kits with Beads:** To extract DNA from bacterial or viral pathogens that are tougher to lyse.

#### LPT Kits for more viscous samples

- 300-10301 TruTip XT DNA Kit (2-ml Rainin LTS, 60 LPT)
- 300-10311 TruTip XT DNA Kit (1-ml Rainin LTS, 96 LPT)

#### SPT Kits for less viscous samples and higher recovery

- 300-10300 TruTip XT DNA Kit (2-ml Rainin LTS, 60 SPT)
- 300-10310 TruTip XT DNA Kit (1-ml Rainin LTS, 96 SPT)

#### Combination SPT/LPT Kits for a range of applications

- 300-10307 TruTip XT DNA Kit (2-ml Rainin LTS, 30 SPT/30 LPT)
- 300-10317 TruTip XT DNA Kit (1-ml Rainin LTS, 48 SPT/48 LPT)

**TruTip DNA/RNA Blood Kits:** To extract nucleic acid from blood-borne bacterial or viral pathogens in samples up to 0.1 ml.

- 300-10400 TruTip DNA/RNA Blood Kit (2-ml Rainin LTS, 60 SPT)

**TruTip DNA Kit for MTB:** To extract DNA from *Mycobacterium tuberculosis* culture or sputum of up to 1 ml or greater.

- 300-10101 TruTip Kit for MTB (2-ml Rainin LTS, 60 LPT)

## GENOMIC DNA KITS

**TruTip gDNA Saliva Kits:** To extract genomic nucleic acid from microliter quantities of liquid saliva, though readily adaptable to larger sample input volumes.

*LPT Kits for more viscous samples*

300-20101 TruTip gDNA Saliva Kit (2-ml Rainin LTS, 60 LPT)

*SPT Kits for less viscous samples and higher recovery*

300-20100 TruTip gDNA Saliva Kit (2-ml Rainin LTS, 60 SPT)

*Combination SPT/LPT Kits for a range of applications*

300-20107 TruTip gDNA Saliva Kit (2-ml Rainin LTS,  
30 SPT/30 LPT)

**TruTip gDNA Blood and Semen Kits:** To extract genomic nucleic acid from several hundred microliter of liquid blood or neat semen samples, though readily adaptable to smaller or larger sample input volumes.

*LPT Kits for more viscous samples*

300-20201 TruTip gDNA Blood/Semen Kit (2-ml Rainin LTS,  
60 LPT)

*SPT Kits for less viscous samples and higher recovery*

300-20200 TruTip gDNA Blood/Semen Kit (2-ml Rainin LTS,  
60 SPT)

*Combination SPT/LPT Kits for a range of applications*

300-20207 TruTip gDNA Blood/Semen Kit (2-ml Rainin LTS,  
30 SPT/30 LPT)

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For Research Use Only. Not for use in diagnostic procedures. No claim or representation is intended for the diagnosis, prevention, or treatment of a disease.

Patent pending: Akonni TruTip Extraction Tips.

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