

>TruTip™ Manual Solutions for Nucleic Acid Extraction

TruTip Kits for On-Demand Solutions	DNA*	RNA*	XT DNA with Beads*	DNA Kit for MTB*	Influenza RNA	gDNA for Blood	gDNA for Saliva
Application	Standard extraction for DNA from bacteria or viruses	Standard extraction for RNA from bacteria or viruses	For tougher-to-lyse Gram(+) bacterial pathogens	For extraction from <i>Mycobacterium</i>	For extraction of Influenza A & B and RSV	For extraction of genomic DNA	For extraction of genomic DNA
Example Target	<i>B. anthracis</i> <i>Y. pestis</i> <i>N. gonorrhoea</i> <i>E. coli</i> Adenovirus	<i>Herpes Virus I</i> <i>Chlamydia trachomatis</i>	<i>Staphylococcus MRSA</i> <i>Streptococcus pyogenes</i>	<i>M. tuberculosis</i> <i>M. avium</i>	Influenza A & B hRSV Enveloped RNA viruses	Genomic DNA	Genomic DNA
Sample Source	Culture, urine, etc.	Culture, urine, etc.	Culture, urine, etc.	Heat-killed culture, sputum or sediment	Nasopharyngeal aspirate and swab	Whole blood	Saliva—collected with Oragene®-DNA Collection Kits
Sample Input Volumes	Up to 500µL	Up to 500µL	Up to 500µL	250—500 µL	Up to 250µL	Up to 400µL	Up to 400µL
TruTip Porosity	SPT for less viscous; LPT for viscous	SPT for less viscous; LPT for viscous	SPT for less viscous; LPT for viscous	SPT for less viscous; LPT for viscous	SPT	SPT for less viscous; LPT for viscous	SPT for less viscous; LPT for viscous
TruTip Sizes	1.2 mL and 2mL	2mL	1.2 mL and 2mL	2mL	1mL and 2mL	1.2mL and 2mL	1.2mL and 2mL
Wash Steps	Single wash step	Single wash step	Single wash step	Single wash step	2 wash steps to remove inhibitor	3 wash steps to remove inhibitors	2 wash steps to remove inhibitors
Additional Step	None	None	Bead Vortex Step	Heat denature, sedimenting	Optional incubation	Requires enzymes and incubation	None

* For Early Access Customers



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>TruTip™ Automated Solutions for Nucleic Acid Extraction

TruTip Kits for Automated Solutions	Influenza Kit	Saliva	Blood Kit
Application	For extraction of Influenza A & B	For extraction of genomic DNA	For extraction of genomic DNA
Example Targets	Influenza A & B & hRSV	Genomic DNA	Genomic DNA
Sample Source	Nasopharyngeal aspirate and swab	Saliva – collected with Oragene®-DNA Collection Kits	Whole blood
Sample Volumes	250µL recommended	50–100 µL recommended	100µL recommended
TruTip Porosity	SPT	SPT	SPT
TruTip Sizes	1000µL epMotion	1000µL epMotion	1000µL epMotion
Wash Steps	2 wash steps to remove inhibitors	2 wash steps to remove inhibitors	2 wash steps to remove inhibitors
Additional Steps	Optional incubation	None	10 min incubation

For additional information regarding which TruTip Kit to choose for your application, please call Akonni Technical Support at (301) 698-0101 or email to support@akonni.com.

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US Patent #7759112 & additional patents pending.

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