

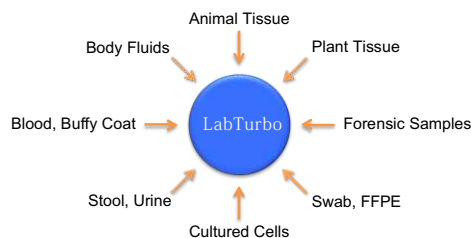
# Fully Automated DNA/RNA Extraction Systems for Clinical Applications

LabTurbo DNA/RNA Extraction Systems utilize membrane column and vacuum technique for outstanding yield, concentration, and purity of DNA/RNA from various clinical sample types. Users can load up to 2000 ul of sample and elute with only 60 ul of elution buffer. LabTurbo systems can quickly extract tens to hundreds of samples per day and save substantial time and labor efforts. All LabTurbo systems and kits are GMP, ISO, and UL certified for guaranteed product quality and operation safety.



## Throughput solutions

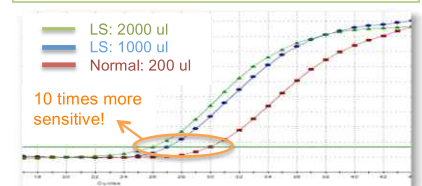
LabTurbo systems are fully automated to satisfy all kinds of throughput requirements. User can start DNA/RNA extraction from sample collection tubes and extract tens to hundreds of samples per day.



## Various sample types

LabTurbo extracts genomic DNA, total RNA, virus DNA/RNA, circulating DNA, and micro RNA from various sample types, suitable for HLA-typing, molecular diagnostics, next generation sequencing, and forensic applications.

Whole Blood	200 ul	1000 ul	2000 ul
DNA yield	~6 ug	~30 ug	~60 ug
Conc. (ng/ul)	~60 ng/ul	~300 ng/ul	~600 ng/ul



## LS technology

Large sample input (2000 ul) and Small elution volume (60 ul) let you get highly concentrated DNA/RNA for ultra-sensitive detection, large-scale DNA yields, and extract DNA/RNA from various difficult samples.



Taigen Bioscience Corporation, founded in Taiwan in 1992, is specialized in the development and manufacture of DNA/RNA extraction reagents and fully automated instruments. Taigen has Good Manufacturing Practice (GMP) and ISO13485 certificates. Our products are certified by Underwriters Laboratories (UL) with guaranteed safety validation.