

Cat. No. JZ88-T002



- **Product Description**

T-Pro FastEZ Purix Blood DNA Extraction Kit 1200

Intended Use	T-Pro FastEZ Purix Blood DNA Extraction Kit is used with the T-Pro Auto 12t System instrument for extraction of gDNA from 400-1000µl mammalian blood, suspension of mammalian blood cells.
Application	Nucleic acids extracted from whole blood kit can be used in a number of downstream application including: PCR, qPCR, Sequencing(NGS), SNPAnalysis, Microarray, RFLP,Southern Blot Analysis, Methylationstudies.

- **Kit Component**

Kit Contents	Q'ty
Reagent Cartridge	36 pcs(6x6)
Reaction Chamber	36 pcs(6x6)
Tip Holder	36 pcs
Filtered Tip	38 pcs
Piercing Pin	38 pcs
Sample Tube (2 mL)	38 pcs
Elute Tube (1.5 mL)	38 pcs
Barcode Paper	1 pc

- **Technical Data**

Starting Material			
Sample Type	Target Nucleic Acid	Sample Volume (Amount of starting material)	Elution Volume
Whole Blood	Total DNA (Genomic	400 µl~1000 µl	100 µl or 200 µl
Buffy Coat	DNA mitochondrial	100 µl~200 µl	100 µl or 200 µl
Serum, Plasma	and Viral DNA)	400 µl~1000 µl	100 µl or 200 µl

- T-Pro FastEZ Purix Blood DNA Extraction Kit has proven to work for fresh or frozen blood samples collected in tubes containing common anti-coagulants like EDTA, heparin and citrate.
- If the sample volume is less, add the appropriate volume of PBS

- **Expected Purity and Yield**

Sample material	Volume or Amount	DNA Yield	Purity
Whole Blood	400 µl	8-15 µg	OD260/OD280 >=1.7
Whole Blood	1000 µl	20-35 µg	OD260/OD280 >=1.7
Buffy coat	100 µl	12-24 µg	OD260/OD280 >=1.7
Buffy coat	200µl	25-40µg	OD260/OD280 >=1.7