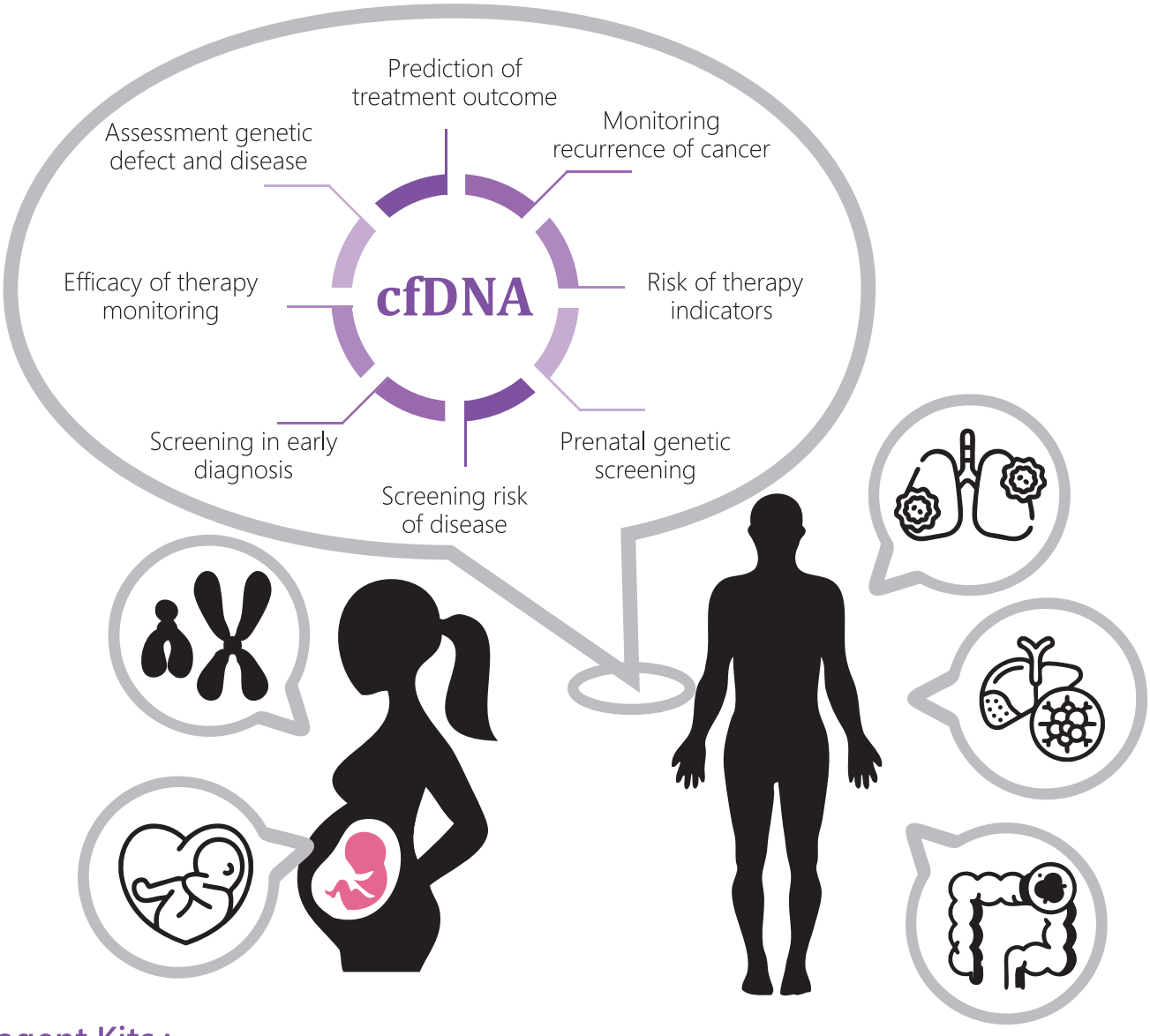
High Purity and Yield Cell-Free DNA (cfDNA) Extraction Solution for Liquid Biopsy

TrustBio Corporation

Product features:

- Purification and Fractionation of cell-free DNA (cfDNA) from plasma, serum and urine using magnetic bead-based technology
- Wide range of sample input volumes, 1~10mL Plasma/Serum ; 5~30mL Urine
- Minimized genomic DNA contamination
- Compatibility with the most of Universal Automated Robotic Extraction Station
- Downstream compatibility with various assays, such as ddPCR, NGS and qPCR etc.
- Efficient recovery of fragments DNA & RNA by proprietary size selection technique



Reagent Kits :

Cat. No	Product	Preps	Spec.
RE004001	TrusPure Plasma Cell-free DNA Extraction Kit	48 tests	Prefilled format
RE004002	TrusPure Plasma Cell-free DNA Extraction Kit	100mL	Bottle format
RE004003	TrusPure Urine Cell-free DNA Extraction Kit	300mL	Bottle format

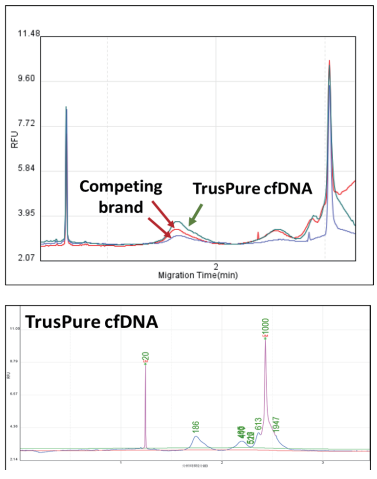
Performance Data

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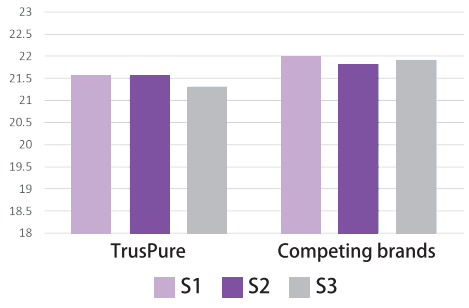
TrusPure Plasma Cell-free DNA Extraction Kit

Sample type	Serum, Plasma
Time per run and preps	<55 minutes for 32/96 preps with instrument (excluded lysis)
Processing	Compatible with manual and auto-machine
Sample volume	1-10mL
Elution volume	20–150μL

[A] Sample Intensity



[B]



[C] Qubit dsDNA (ng/mL)

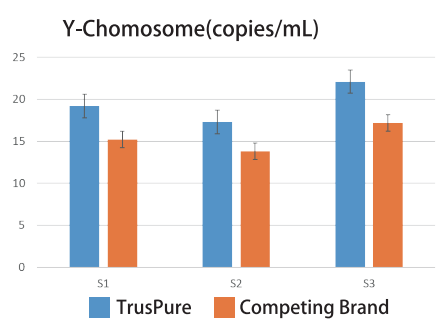
Brand	S1	S2	S3
TrusPure	18.39	18.61	19.45
Competing brands	14.21	15.32	16.20

[A] The TrusPure Plasma Cell-free DNA Extraction Kit was used to isolate cfDNA from pregnant female plasma samples. Using the capillary electrophoresis to see efficient purification of cfDNA and sample intensity. [B] Reliable purification of cfDNA from different plasma.The total yield was determined by Qubit [C] and detect Y-Chromosome from pregnant female plasma samples by qPCR analysis. The correlation of cfDNA amount in TrusPure Plasma Cell-free DNA Extraction Kit is higher than other competing brand.

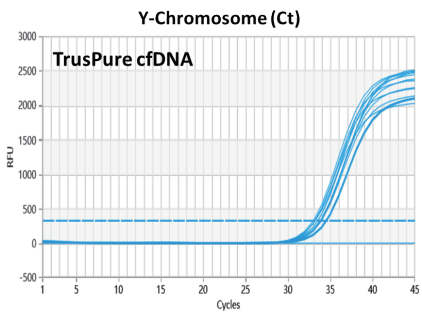
TrusPure Urine Cell-free DNA Extraction Kit

Sample type	Urine
Time per run and preps	<30 minutes for isolation (excluded lysis/binding); <1 hour for specificity selection
Processing	Manual
Sample volume	5-30mL
Elution volume	20–150μL

[A] Sample Intensity



[B]



[A] The TrusPure Urine Cell-free DNA Extraction Kit was used to isolate cfDNA from pregnant female human urine samples. Reliable purification of cfDNA from different urine. The total yield was determined by detection of Y-Chromosome by qPCR analysis. The correlation of cfDNA amount in TrusPure Urine Cell-free DNA Extraction Kit is higher than other competing brand.

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