

Nucleic Acid Extraction or Purification Reagents

Efficient and stable extraction of cfDNA from 500-5000 μ L plasma or serum samples



Allsheng nucleic acid extraction or purification reagents are designed for fast and stable extraction of cfDNA from 500-5000 μ L plasma or serum samples. Reagents are based on the magnetic bead method, which can be used manually or with Allsheng and other automated platforms.



Multiple systems available

Different reaction systems, suitable for 0.5 / 1 / 2 / 3 / 4 / 5 mL sample extraction



30 μ L elution

The minimum elution volume is 30 μ L to ensure nucleic acid concentration



Magnetic bead extraction

Simple operation without multiple centrifugation



Automated extraction

Match Allsheng automatic nucleic acid extraction instrument to realize automatic extraction



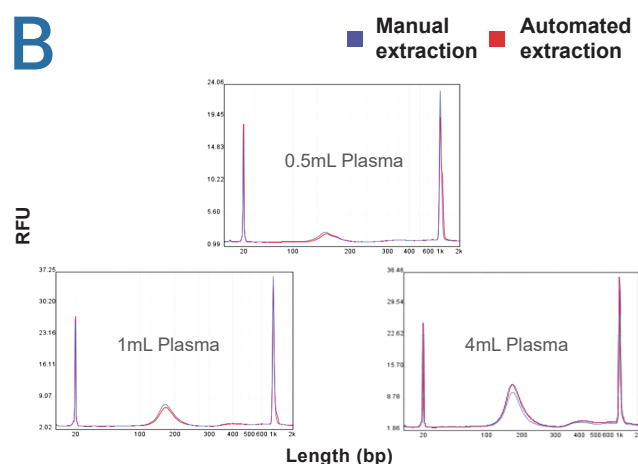
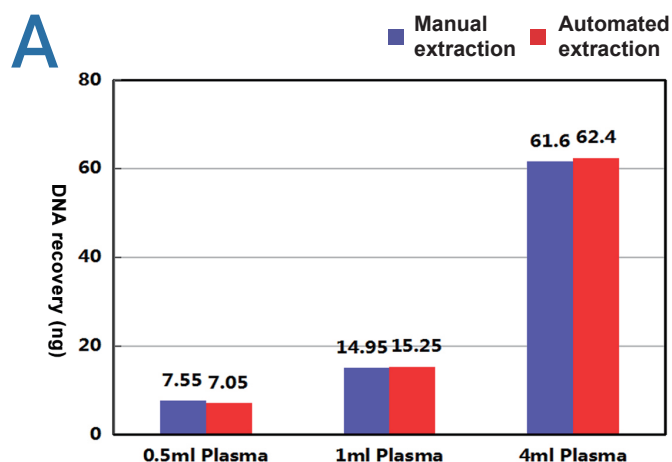
Stable extraction

Manual and automated extraction results are stable and reliable



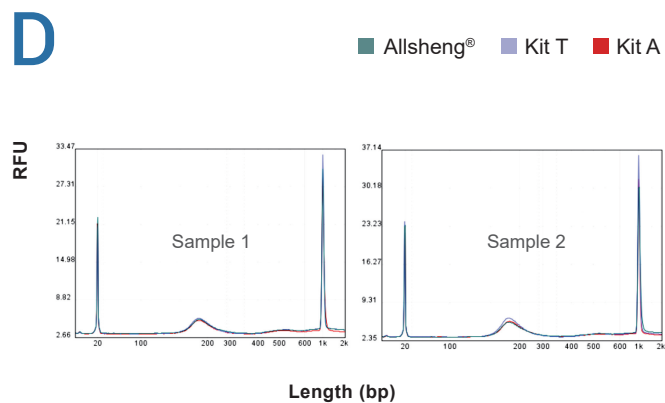
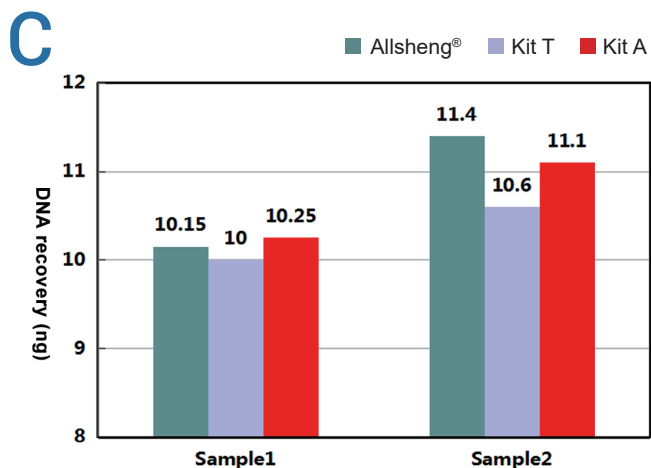
Suitable for a variety of sample sources

For fresh and frozen samples preserved in EDTA, citrate or STRECK non-invasive tubes



Comparison of the results of manual extraction and automated extraction of plasma from tumor patients with Allsheng nucleic acid extraction or purification reagents

0.5 mL, 1 mL, and 4 mL of tumor patient plasma were taken for cfDNA extraction, and compared with the same samples and the results of manual extraction. The results showed that there was no significant difference in the yields of the two extraction methods under the three volumes (A), and the fragment size distributions were roughly the same (B), indicating that the reagent automation was well matched and met the requirements of normal sample extraction.



Comparison of plasma DNA extraction effect from tumor patients between Allsheng nucleic acid extraction or purification reagents and other brand reagents on the market

Allsheng®, imported kit T and domestic kit A were used to extract DNA from two different samples respectively. The recovery results showed that the extraction effect of Allsheng® and kit A was slightly better than that of kit T (C), and there were no differences in the extracted fragments (D).

Allsheng cfDNA Extraction and Subsequent Application Automation Solution

Nucleic acid automated extraction



Auto-Pure 24D



Auto-Pure 2400

Nucleic acid concentration detection

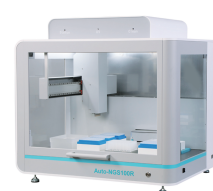


Fluo Series Fluorometer



Fluorescence Microplate Reader

Library construction



NGS series NGS Library Preparation Workstation

Ordering Information

Code	Description	Standard
RS-HSCF0101	Nucleic acid extraction or purification reagents (1 mL)	10 T / 24 T / 50 T / 100 T
RS-HSCF0102	Nucleic acid extraction or purification reagents (2 mL)	24 T / 50 T
RS-HSCF0104	Nucleic acid extraction or purification reagents (4 mL)	24 T / 50 T

HANGZHOU ALLSHENG INSTRUMENTS CO., LTD.

Building 9 No.7 of Zhuantang Science and Technology Economic Zone,
Xihu District, Hangzhou City, 310024 Zhejiang, P.R. China

Tel: +86-571-88859758

Fax: +86-571-87205673

✉ info@allsheng.com

🌐 www.allsheng.com

