HUMAN HEALTH

ENVIRONMENTAL HEALTH

SUPPORTS YOUR BIOBANK

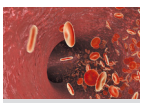
For Research Use Only. Not for use in Diagnostic Procedures.

chemagen Technology Automation and Kits for Isolation of genomic DNA and total RNA

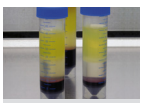
Based on our patented magnetic beads technology, chemagen offers innovative automation solutions for your biobanking workflow.

Highly flexible in sample volume (10 µl - 10 ml), sample material and throughput (1 - 96 samples in one run), chemagen supports your biobank and biospecimen repository providing

- High quality DNA and RNA (documented by agarose gel, PCR, array based SNP analysis and RT-PCR), applicable for genome wide analysis
- Huge variety of sample materials (blood, buffy coat, saliva, cells, tissue etc.)
- Long term stable nucleic acids (documented by stability data >8 years)
- Maximum yields and best purities (up to 400 µg DNA from 10 ml whole blood; $OD_{260/280}$ 1.9; $OD_{260/230}$ >2.0)



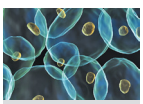
Blood
10 - 400 µl
0.5 - 4 ml
1 - 10 ml



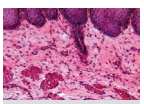
Buffy Coat
100 - 200 µl
2 ml

Saliva
200 - 500 µl
2 - 4 ml
1 - 10 ml

Total RNA
2.5 ml
Stabilized blood
Cells, Tissue



Cells
1.2 x 10^7 cells
5.0 x 10^7 cells



Tissue
10 mg
40 mg

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