

# SUPPORTS YOUR BIOBANK

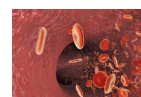
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## chemagen Technology Automation and Kits for Isolation of genomic DNA and total RNA

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

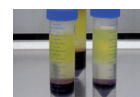
Highly flexible in sample volume (10  $\mu$ l - 10 ml), sample material and throughput (1 - 96 samples in one run), chemagen supports your biobank and biospecimen repository providing

- 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  $\mu$ g DNA from 10 ml whole blood; OD<sub>260/280</sub> 1.9; OD<sub>260/230</sub> >2.0)



**Blood**

10 - 400  $\mu$ l  
0.5 - 4 ml  
1 - 10 ml



**Buffy Coat**

100 - 200  $\mu$ l  
2 ml



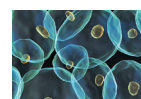
**Saliva**

200 - 500  $\mu$ l  
2 - 4 ml  
1 - 10 ml



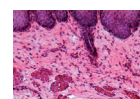
**Total RNA**

2.5 ml  
Stabilized blood  
Cells, Tissue



**Cells**

1.2 x 10<sup>7</sup> cells  
5.0 x 10<sup>7</sup> cells



**Tissue**

10 mg  
40 mg

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