

## chemagic Automated DNA Isolation

### Sample Preparation for Human Genetics

it's chemagic!

#### Extracted DNA routinely applied for e.g.:

Methylation Analysis • SSCP • Southern Blotting • MassArray®  
MLPA® • Transgenomics Wave® • SNPlex® • Pyrosequencing®  
Forensics (PowerPlex®, AmpFLSTR®) • HLA Typing (SSP, SSO, SBT)  
Illumina® based assays

#### Typical yield from 7 ml blood: 210 µg genomic DNA\*

\*F. Hol, From Primary Blood to DNA - Fully Automated DNA Extraction, BIOforum Europe 6/2005: 66-67






# chemagic Magnetic Separation Module I

**Automated DNA isolation** based on proprietary M-PVA Magnetic Bead technology.  
Your complete solution for DNA/RNA-preps from blood, tissue, bacteria, food, plants...



Extracted nucleic acids routinely applied for e.g.:

**genotyping virus detection GMO testing forensics HLA typing**

chemagic Rod Head	No. of Samples	Sample Volumes	Tubes/Plates	Processing Time	Throughput
	1 - 12	1 ml - 10 ml	15 ml or 50 ml tubes	e.g. chemagic DNA Blood 5 ml Kit special ca. 55 min	e.g. 150 samples/day
	1 - 24	200 µl - 2 ml	12 single tubes or 24 well plates	e.g. chemagic DNA Blood 2 ml Kit special ca. 55 min	e.g. 300 samples/day
	1 - 96	10 µl - 400 µl	96 well plates or 96 single tubes	e.g. chemagic DNA Blood 10 µl Kit special ca. 15 min	e.g. 4.000 samples/day

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**Any further question?**

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