



Results

Average yields for each sample donor are shown (Figures 1 and 2). The figures show the relationship between yield and white blood cell count. In general, increased white blood cell count gives increased DNA yields. The 200 μl Blood protocol yielded 3.87–6.17 μg DNA, while the 350 μl Blood protocol yielded 4.88–11.23 μg DNA.

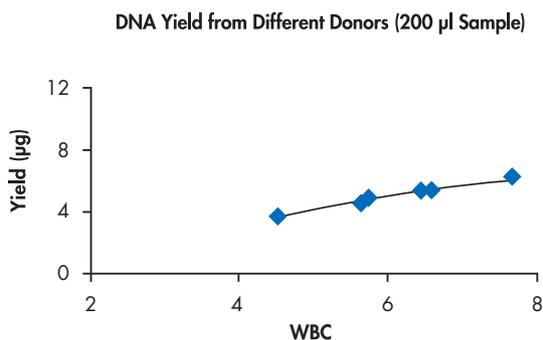


Figure 1. 200 μl blood samples. Each data-point shows the average yield from each sample donor.

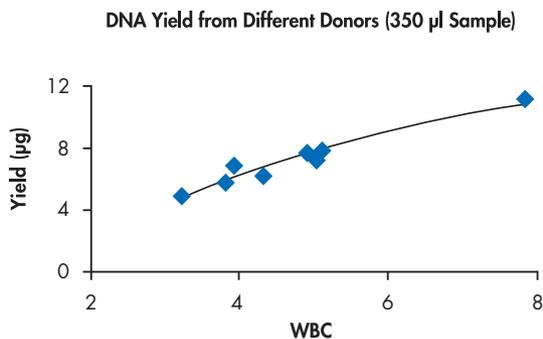


Figure 2. 350 μl blood samples. Each data-point shows the average yield from each sample donor.

Conclusions

The results clearly show that MagAttract technology in combination with the BioRobot M48 workstation gives DNA yields appropriate for a wide range of downstream applications — even using blood samples with a range of white cell counts.



Ordering Information

Product	Description	Order No.
BioRobot M48 workstation	Robotic workstation for automation of magnetic-particle purification technology	9000708
MagAttract DNA Blood Mini M48 Kit (192)*	MagAttract Suspension and reagents for purification of genomic DNA from 200 µl whole blood samples using the BioRobot M48 workstation	951336
MagAttract DNA Blood Midi M48 Kit (192)*	MagAttract Suspension and reagents for purification of genomic DNA from 350 µl whole blood samples using the BioRobot M48 workstation	951356

The BioRobot M48 is intended as a microtiter diluting and dispensing device. No claim or representation is intended for its use in identifying any specific organism or for a specific clinical use (diagnostic, prognostic, therapeutic, or blood banking). It is the user's responsibility to validate the performance of the BioRobot M48 for any particular use, since its performance characteristics have not been validated for any specific organism. The BioRobot M48 may be used in clinical diagnostic laboratory systems after the laboratory has validated their complete system as required by CLIA '88 regulations in the U.S. or equivalents in other countries.

* MagAttract Kits are intended as general-purpose devices. No claim or representation is intended for their use to identify any specific organism or for specific clinical use (diagnostic, prognostic, therapeutic, or blood banking). It is the user's responsibility to validate the performance of MagAttract Kits for any particular use, since the performance characteristics of these kits have not been validated for any specific organism.

