

MACHEREY-NAGEL

High molecular weight DNA for long-read sequencing

Automatable magnetic bead technology!

Bioanalysis

NucleoMag[®] HMW DNA



- Reproducible isolation of HMW DNA (Up to 200 kb)
- High yields and purity from a wide range of sample materials
- Compatible with PacBio and Oxford Nanopore sequencing technologies

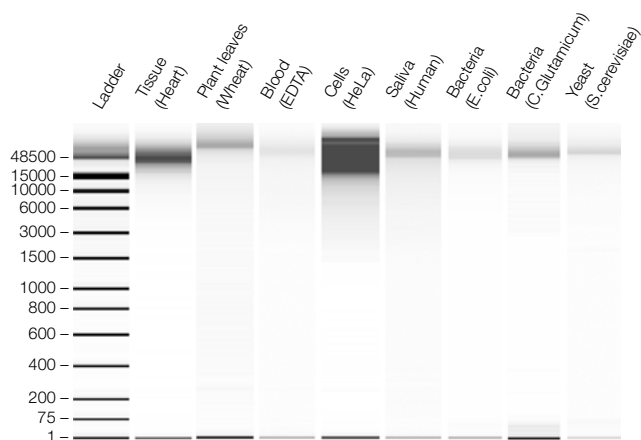
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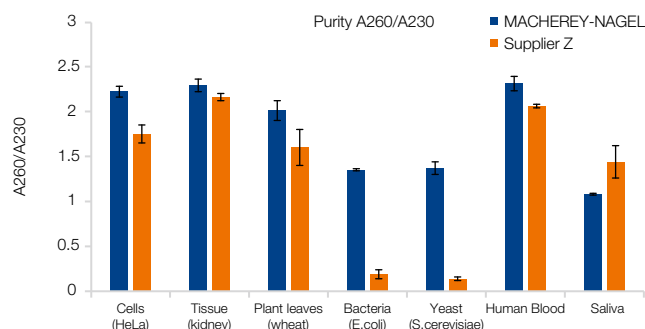
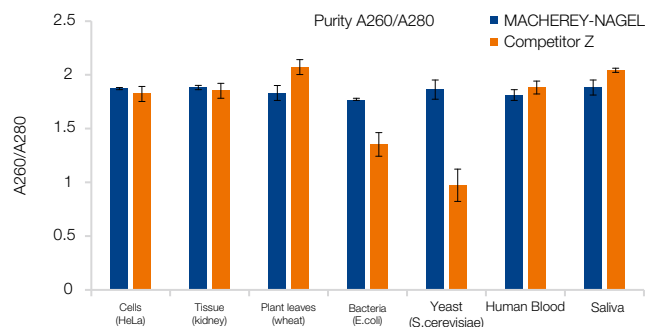
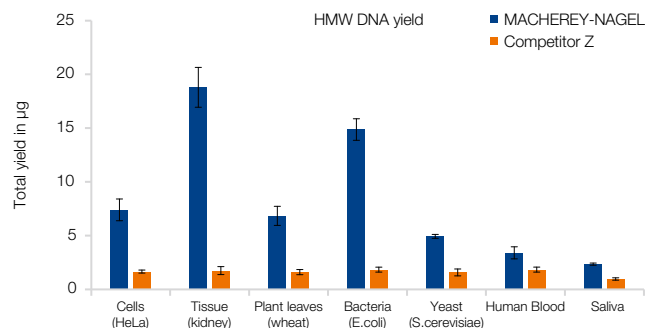
High molecular weight DNA for long-read sequencing

HWM DNA from a wide range of sample types



High molecular weight DNA from diverse sample materials

Genomic DNA from different samples such as heart tissue, plant leaves, blood, cells, saliva, bacteria and yeast was isolated using the NucleoMag[®] HMW DNA Kit from MACHEREY-NAGEL. Isolated DNA shows fragment lengths above 50 kb. Samples were analyzed on Agilent's Fragment Analyzer 5200. Results obtained from different fragment length analyses.



High yields and purities

HMW DNA was extracted from different sample types with the NucleoMag[®] HMW DNA and with Supplier Z kit. MACHEREY-NAGEL's magnetic bead based kit showed higher yields as well as purities for the tested sample types. Isolated DNA was analyzed by NanoDrop[™] 2000.

Ordering information

Product	Pack of	REF
NucleoMag [®] HMW DNA	1 × 96 preps	744160.1
NucleoMag X32	1	747020
NucleoMag [®] SEP Mini	1	744901
NucleoMag [®] SEP	1	744900
Square-well Blocks	4 / 24	740481 / 740481.24

Questions?

Contact the experts from MACHEREY-NAGEL technical support!
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MACHEREY-NAGEL



Management System
 EN ISO 13485:2016
 ISO 9001:2015



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