

NucleoMag[®] cfDNA– NucleoMag[®] X32

Protocol details

Application	cfDNA from plasma samples
Kit	NucleoMag [®] cfDNA
REF	744550 (.1 / .4)
Protocol name	NMcfDNA
Run time	approx. 31 min



Protocol steps

Procedure	
1	Perform lysis according to the user manual NucleoMag [®] cfDNA using a volume of 375 µL plasma per sample (e.g. 375 µL plasma + 9.5 µL Liquid Proteinase K + 169 µL MCF1)
2	Fill the 96-well Deep-well plates according to the table below.
3	Load the plates on the NucleoMag [®] X32.
4	Insert tip combs on the mounting grooves.*
5	Select the protocol from the instrument menu and start run.
Notes: * Please equip all tip combs in order to cover the magnetic rods in used and unused wells.	

Required consumables and instrumentation provided by user

Product	Specification	REF
NucleoMag X32 [®]	Automated nucleic extraction system for MACHEREY-NAGEL's NucleoMag [®] kits enabling parallel processing of up to 32 samples	747020
96 Deep-well Plate	96 deep-well plates for NucleoMag [®] X32 (25 pieces)	744955
Tip Combs	8-well tip combs for NucleoMag [®] X32 (50 pieces)	744960



Find more NucleoMag[®] X32 protocol information and scripts here: <https://www.mn-net.com/de/NucleoMag-X32-Scripts>

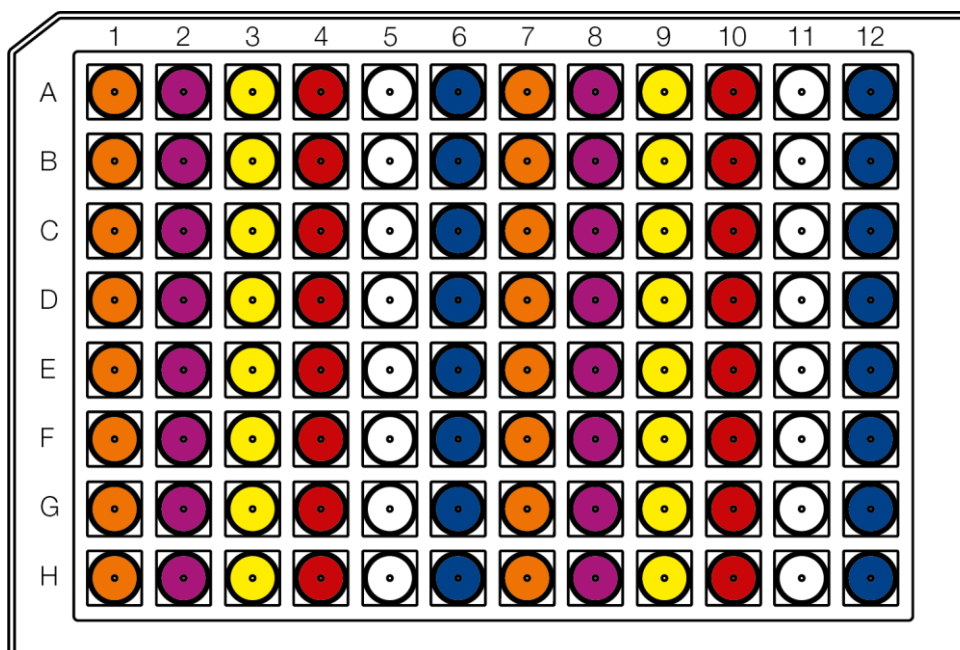
Loading table

Position	Reagents	Samples per plate
Column 1 + 7	Lysate (553.5 µL), NucleoMag® P-Beads (6 µL), Binding Buffer MCF2 (375 µL)	Sample 1-8 Sample 9-16
Column 2 + 8	Wash Buffer MCF3 (500 µL)	Sample 1-8 Sample 9-16
Column 3 + 9	Wash Buffer MCF4 (500 µL)	Sample 1-8 Sample 9-16
Column 4 + 10	Wash Buffer MCF4 (500 µL)	Sample 1-8 Sample 9-16
Column 5 + 11	empty	- -
Column 6 + 12	Elution Buffer MCF5 (100 µL)	Sample 1-8 Sample 9-16

Notes:

Please refer to the image below for a visual representation of the loading scheme

Loading scheme



Disclaimer

Information

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