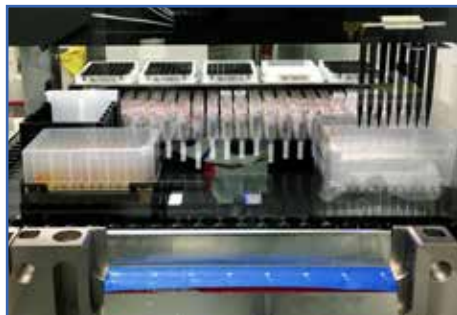


numares' Video Tutorial Series: AXINON® System - Automated high-throughput sample preparation*

**For sample preparation refer to respective IFUs of numares' AXINON® serum and urine kits. .*



For high sample volumes, we recommend sample preparation with liquid/pipetting handling robots (e.g. Tecan®, Hamilton®).



The automated sample preparation of 96 samples in parallel takes approximately 20 minutes. numares provides ready-to-use reagents for serum & urine samples.



Sample IDs are automatically scanned by a barcode reader.



The AXINON® kits consist of 3 ready-to-use components: control, calibrator and additives solution.



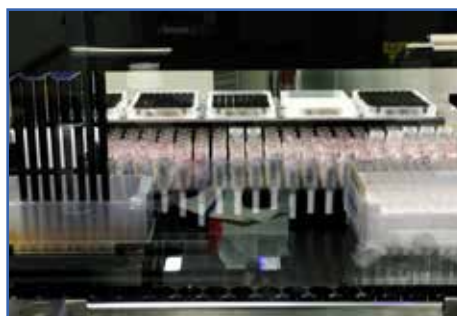
In a 96 well plate, position A1 is filled with calibrator solution, position A2 and H12 with control solution.



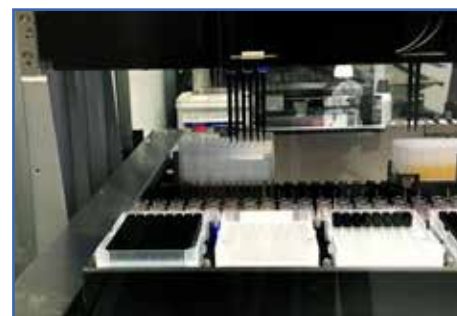
The other 93 wells are prefilled with the additives solution.



The analytes are transferred to the 96 well plate containing the additives solution.



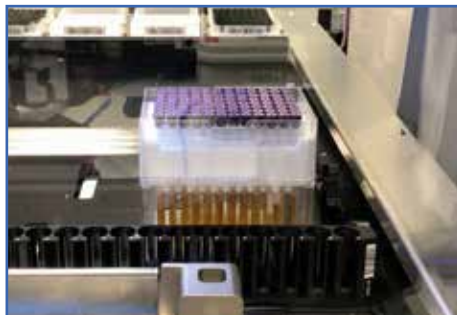
The analytes are mixed carefully by the automatic multi-pipette of the robot.



600µl of the prepared samples have to be transferred to the NMR automation rack holding the NMR tubes.



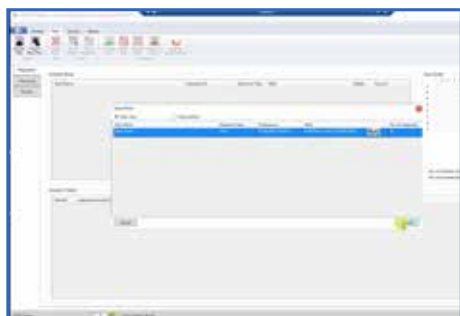
Alternatively, thin metal tips can be used for filling and air inclusion-free mixing.



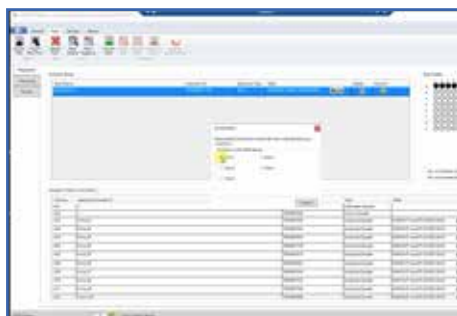
NMR tubes are closed with barcode caps and scanned. The cap barcodes are automatically assigned to the sample ID. The data is captured by the LI(M)S.



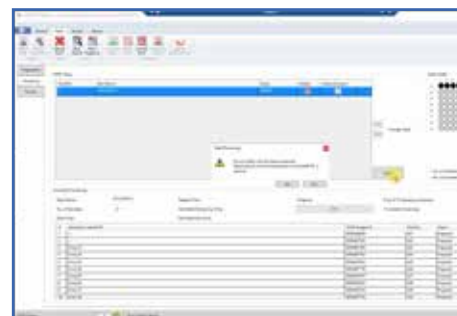
After the automatic pipetting process, the rack is transferred to a free slot in the SampleJet®. Keep slot number in mind.



Open AXINON® Software: Import data from the LI(M)S, which will provide the chosen test application.



Assign to the respective slot...



...and press „Start“ to start measurements.

More from the *numares'* Video Tutorial Series:



Find more helpful video tutorials on numares' YouTube channel...

