

## MxP<sup>®</sup> Quant HR Xpress kit contents



Store the kit plate and vial box at -20 °C or if possible at -80 °C.  
The respective expiration date is shown on each item.

Kit item	Description	Details
Quant HR Xpress <sup>®</sup> kit plate, 1 item <b>Store at -20 °C or if possible at -80 °C</b>	Plate stack consisting of a filter plate (internal standards included) and a capture plate attached with tapes.	Used for sample preparation. The plate is sealed under nitrogen in a plastic bag. <b>Do not open until use.</b>
96-deep well plates, 2 items	Empty capture plate	Used to dilute the extracts after kit preparation.
Silicone mats, 2 items	Silicone coverings for 96-well plates	Used to seal the plates after preparation.
FIA Mobile Phase Additive, 2 items (1 spare)	Sealed glass ampules	Component for preparing FIA solvent. Non-hazardous mixture.
Tube for derivatization solution, 1 item	Empty plastic tube	Used to prepare derivatization solution.
<b>Vial box, store at -20 °C or if possible at -80 °C</b>		
Testmix LC, 1 glass vial (2 vials in 24-well starter kit)	biocrates testmix for LC part (dried)	Used for LC system suitability test.
Testmix FIA, 1 plastic vial (2 vials in 24-well starter kit)	biocrates testmix for FIA part (dried), purple cap	Used for FIA system suitability test.
Quant HR Xpress QC, 3 plastic vials	biocrates quality controls (lyophilized plasma): QC1 (green cap), QC2 (blue cap), QC3 (yellow cap)	Spiked human plasma in different concentration levels.
Quant HR Xpress Cal, 7 plastic vials	biocrates calibration standards (lyophilized), red caps	Calibration standards used for the LC-MS quantification.
Quant HR Xpress ISTD, 1 plastic vial	biocrates internal standard mix (lyophilized), orange cap	Additional internal standards for kit plate.

Kit item	Description	Details
USB stick, one item per delivery		
MetIDQ™ software	kit workflow manager	Oxygen version, 64-bit
Oracle Database 11g XE (Express Edition)	Database for MetIDQ™ software	64-bit
User manual and quick start guide	UM-Quant HR Xpress Thermo (#).pdf Quick start guide-Quant HR Xpress Thermo (#).pdf	Read carefully before using the kit.
User manuals for MetIDQ™ software and modules	UM-MetIDQ Oxygen (#).pdf UM-StatPack (#).pdf	Read carefully before using the kit.
Analytical specifications	AS- Quant HR Xpress (#).pdf	Read carefully before using the kit.
Technical guides	pdf documents	Guides for advanced data analysis, e.g. normalization or statistics in MetaboAnalyst.
Application notes	pdf documents	Kit application with different sample material and species.
SOPs	pdf documents	Protocols for the analysis of different matrices.
Guidelines for sample collection	pdf documents	Guidelines for collecting plasma, serum and tissue samples.
Safety data sheets (SDS)	pdf documents	SDS for kit components.
Acquisition methods	Xcalibur™ files to be manually created	Parameters for building data acquisition methods are given in user manual.
Quantitation methods	Xcalibur™ files	Methods for data processing.