

MxP® Quant 500 kit contents



The light blue box is shipped on dry ice and contains the kit plate and vial box, both of which must be stored at -20 °C or if possible at -80 °C upon arrival. The respective expiration date is shown on each item.

Kit item	Description	Details
MxP Quant 500 kit plate, 1 item Store at -20 °C or if possible at -80 °C	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. Do not open until use.
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.
Vial box – Store at -20 °C or if possible at -80 °C		
Test sample LC, 2 glass vials	biocrates test sample for LC part (dried)	Used for LC system suitability test.
Test Sample FIA, 2 glass vials	biocrates test sample for FIA part (dried)	Used for FIA system suitability test.
Quant 500 (XL) 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 500 (XL) Cal, 7 plastic vials	biocrates calibration standards (lyophilized), red caps	Calibration standards used for the LC-MS quantification.

Kit item	Description	Details
Kit files – My biocrates download portal		
User manuals and Quick start guides	UM-Quant500 [MSmanufacturer] (#).pdf Quick start guide-Quant500 [MSmanufacturer] (#).pdf	Read carefully before using the kit.
Analytical specifications	AS-Quant500 (#).pdf	Read carefully before using the kit.
Technical guides	pdf documents	Guidance for laboratory equipment.
Application notes	pdf documents	Kit application with different sample materials or instruments.
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	Instrument-specific files	Methods for data acquisition (including optimized MRM and instrument parameters).