

## MxP® Quant 500 XL 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 <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>
XL 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>
Dilution plates + mats, 3 items	Empty 96-deep well plates plus silicon mats	Used to dilute the extracts after kit preparation.
Silicone mats, 2 items	Silicone coverings for 96-well plates	Used to seal the capture plates after preparation.
FIA Mobile phase additive, 4 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>		
Test sample LC, 2 glass vials	biocrates test sample for Q500 LC part (dried)	Used for LC system suitability test.
Test Sample FIA, 2 glass vials	biocrates test sample for Q500 FIA part (dried)	Used for FIA system suitability test.
Test Sample FIA XL, 2 glass vials	biocrates test sample for XL FIA part (dried)	Used for FIA system suitability test.

Kit item	Description	Details
<b>Quant 500 (XL) QC,</b> 3 plastic vials	biocrates quality controls (lyophilized plasma): QC1 (green cap) QC2 (blue cap) QC3 (yellow cap)	Spiked human plasma in different concentration levels.
<b>Quant 500 (XL) Cal,</b> 7 plastic vials	biocrates calibration standards (lyophilized), red caps	Calibration standards used for the LC-MS quantification.
<b>Kit files – <a href="#">My biocrates download portal</a></b>		
<b>User manuals and Quick start guides</b>	UM-Quant500 XL [MSmanufacturer] (#).pdf Quick start guide-Quant500 XL [MSmanufacturer] (#).pdf	Read carefully before using the kit.
<b>Analytical specifications</b>	AS-Quant500 XL (#).pdf	Read carefully before using the kit.
<b>Technical guides</b>	pdf documents	Guidance for laboratory equipment.
<b>SOPs</b>	pdf documents	Protocols for the analysis of different matrices.
<b>Guidelines for sample collection</b>	pdf documents	Guidelines for collecting plasma, serum and tissue samples.
<b>Safety data sheets (SDS)</b>	pdf documents	SDS for kit components.
<b>Acquisition methods</b>	Instrument-specific files	Methods for data acquisition (including optimized MRM and instrument parameters).