

### Bremer Straße 9, 01665 Klipphausen

#### Bereich: Forensik

Prüfgebiet: Forensische Toxikologie im Rahmen der Fahreignungsdiagnostik

Prüfart: Flüssigkeitschromatographie (LC-MS/MS)\*\*

Analyt (Messgröße)	Prüfgegenstand (Matrix)	Prüftechnik	SOP	Gerät
6-Acetylmorphin	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
6-Acetylmorphin	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
7-Aminoflunitrazepam	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
11-OH-THC	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
Alprazolam	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Amphetamin	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Amphetamin	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
Bromazepam	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Benzoylcegonin	Urin	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6	QT5500, QTrap6500+
Benzoylcegonin	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
Buprenorphin	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Norbuprenorphin	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Cathinone	Urin	LC-MS/MS	K-Tox-SOP-LDT-NPS-Urin SOP- 2	QT5500, QTrap6500+
Cocain	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Cocain	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
Nor-Cocain	Urin	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6	QT5500, QTrap6500+
Codein	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Codein	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
Diazepam	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Dihydrocodein	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Dihydrocodein	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
EDDP	Urin	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6	QT5500, QTrap6500+

## Hintergrundliste PL

geänderte Parameter  
nicht mehr durchgeführte Parameter

Ethylglucoronid	Urin, Haar	LC-MS/MS	K-FK-SOP-ETG-ETS-Urin- 8 K-FK-SOP-CTU-ETG-Haar-SOP- 3	QTrap6500+
Fentanyl	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Fentanyl	Serum	LC-MS/MS		QT5500, QTrap6500+
Flunitrazepam	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Hydromorphon	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
Hydroxy-Alprazolam	Urin	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6	QT5500, QTrap6500+
Hydroxy-Bromazepam	Urin	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6	QT5500, QTrap6500+
Lorazepam	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
LSD	Urin	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6	QT5500, QTrap6500+
MDA	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
MDA	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
MDEA	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
MDEA	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
MDMA	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
MDMA	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
Methadon	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Methamphetamin	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Methamphetamin	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
Morphin	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Morphin	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
Nordiazepam	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Norfentanyl	Urin	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6	QT5500, QTrap6500+
Norfentanyl	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
Nortilidin	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Nortilidin	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
O-Desmethyltramadol	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
O-Desmethyltramadol	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+

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nicht mehr durchgeführte Parameter

Oxazepam	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Oxycodon	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Oxycodon	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
Phenylethylamine	Urin	LC-MS/MS	K-Tox-SOP-LDT-NPS-Urin SOP- 2	QT5500, QTrap6500+
Phosphatidylethanol (PEth)	Blut	LC-MS/MS	K-Tox-SOP-LDT - PEth im Kapillarblut- 2	QT5500
synth. Cannabinoide	Urin	LC-MS/MS	K-Tox-SOP-LDT-NPS-Urin SOP- 2	QT5500, QTrap6500+
synth. Cannabinoide	Haar	LC-MS/MS	K-FK-SOP-CTU-NPS im Haar-SOP- 1	QT5500, QTrap6500+
THC	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
THC-COOH	Urin, Haar	LC-MS/MS	K-FK-SOP-CTU-THC-Haar-SOP- 2 K-FK-SOP-Drogen im Urin-SOP- 6	QT5500, QTrap6500+
THC-COOH	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
Tilidin	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Tilidin	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
Tramadol	Urin, Haar	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6 K-FK-SOP-CTU-Drogen-Haar-SOP- 3	QT5500, QTrap6500+
Tramadol	Serum	LC-MS/MS	K-SOP-TOX-LDT - Drogen im Serum-SOP- 1	QT5500, QTrap6500+
Zaleplon	Urin	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6	QT5500, QTrap6500+
Zopiclon	Urin	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6	QT5500, QTrap6500+
Zolpidem	Urin	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6	QT5500, QTrap6500+
LSD, 2-Oxo-3-Hydroxy-LSD	Urin	LC-MS/MS	K-FK-SOP-Drogen im Urin-SOP- 6	QT5500, QTrap6500+

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### Probenahme im Rahmen der Fahreignungsdiagnostik

Norm / Ausgabedatum Hausmethode / Version	Probenahmeverfahren	Probenmatrix
A-FK-ZAA-Probenahme CTU-3 25.09.23	Probenahme für Abstinenzkontrollen im Rahmen der Fahreignungsdiagnostik	Urin, Kopfhaare, Körperhaare