

Report MQ 2023/1 Qualitative Auswertungen

Summary

Sample	Results	Good	% Good
S01 Fecal Occult Blood	198	197	99.49
I09 Allergologie Immunocap RAPID	3644	3579	98.22
U02 Urine teststrip/HCG	1172	1156	98.63
U03 Drugs of Abuse	775	743	95.87
K08 Cardiac Markers h232	632	621	98.26
Total	6421	6296	98.05

S01 Fecal Occult Blood

	Target Value	negative	positive	% Conform
Haemocult	positive	0	1	100.00
Hemofec	positive	0	1	100.00
Colo-Rectal Test	positive	0	24	100.00
Hexagon OBTI	positive	0	31	100.00
Epi Tuub	positive	1	3	75.00
others immuno	positive	0	83	100.00
I-Colo-Rectal Test	positive	0	54	100.00
Total		1	197	99.49

Commentary S01

The simulated stool specimen contains human blood; all tests should give "positiv".

I09 Allergologie Immunocap RAPID

E1 cat	Target Value	negative	positive	% Conform
ImmunoCAP rapid	negative	362	5	98.64

T3 Birch	Target Value	negative	positive	% Conform
ImmunoCAP rapid	negative	364	4	98.91

W6 Mugwort	Target Value	negative	positive	% Conform
ImmunoCAP rapid	negative	356	5	98.61

G6 timothy grass	Target Value	negative	positive	% Conform
ImmunoCAP rapid	negative	363	4	98.91

F1 Egg White	Target Value	negative	positive	% Conform
ImmunoCAP rapid	negative	40	0	100.00

i6 German Cockroach	Target Value	negative	positive	% Conform
ImmunoCAP rapid	negative	308	9	97.16

E5 dog	Target Value	negative	positive	% Conform
ImmunoCAP rapid	negative	361	5	98.63

T9 olive	Target Value	negative	positive	% Conform
ImmunoCAP rapid	negative	356	7	98.07

W21 Pellitory, wall	Target Value	negative	positive	% Conform
ImmunoCAP rapid	negative	355	7	98.07

D1 Derm. pteronyssin.	Target Value	negative	positive	% Conform
ImmunoCAP rapid	negative	355	11	96.99

F2 Milk	Target Value	negative	positive	% Conform
ImmunoCAP rapid	negative	40	0	100.00

m6 Mould	Target Value	negative	positive	% Conform
ImmunoCAP rapid	negative	319	8	97.55

U02 Urine teststrip/HCG

	Target Value	negative	positive	% Conform
Rapid Test	positive	16	1150	98.63
Other methods	positive	0	4	100.00
hCG+, Abbott	positive	0	1	100.00
Quick Vue Plus	positive	0	1	100.00
Total		16	1156	98.63

Commentary U02

The urine came from a healthy donor. Sodium nitrite and HCG were added to the urine.

U03 Drugs of Abuse

Methamphetamine	Target Value	negative	positive	% Conform
Syva Rapid Test	negative	2	0	100.00
Triage TOX	negative	10	0	100.00
Others	negative	24	0	100.00
Nal von Minden	negative	6	0	100.00
Total		42	0	100.00

Methaqualon	Target Value	negative	positive	% Conform
all Participants	negative	1	0	100.00

TCA	Target Value	negative	positive	% Conform
Triage 8	positive	0	1	100.00
Triage TOX	positive	0	11	100.00
all Participants	positive	0	16	100.00
Total		0	28	100.00

LSD	Target Value	negative	positive	% Conform
Other quantitativ	negative	2	0	100.00

Amphetamine	Target Value	negative	positive	% Conform
Abbott	negative	4	0	100.00
Cobas	negative	5	0	100.00
Protzek	negative	4	0	100.00
Nal von Minden	negative	8	0	100.00
SureStep Abbott	negative	10	0	100.00
Triage 8	negative	2	0	100.00
Intex	negative	3	0	100.00
Willi Fox	negative	4	0	100.00
MD Doctors Direct	negative	7	0	100.00
Clear Test	negative	5	0	100.00
Triage TOX	negative	10	0	100.00
Other quantitativ	negative	14	0	100.00
Others	negative	19	0	100.00
Total		95	0	100.00

Barbiturates	Target Value	negative	positive	% Conform
Freestyle precision/xceed	negative	0	0	*****
Abbott	negative	3	0	100.00
Cobas	negative	5	0	100.00
Protzek	negative	2	0	100.00
Nal von Minden	negative	2	0	100.00
SureStep Abbott	negative	6	0	100.00
Triage 8	negative	2	0	100.00
Syva Rapid Test	negative	0	0	*****
Intex	negative	0	0	*****
Willi Fox	negative	1	1	50.00
MD Doctors Direct	negative	3	0	100.00
Clear Test	negative	1	0	100.00
Triage TOX	negative	10	0	100.00
Other quantitativ	negative	7	0	100.00
Others	negative	12	0	100.00
Total		54	1	98.18

Benzodiazepines	Target Value	negative	positive	% Conform
Abbott	positive	0	4	100.00
Cobas	positive	0	5	100.00
Protzek	positive	0	4	100.00
Nal von Minden	positive	1	7	87.50
SureStep Abbott	positive	4	6	60.00
Triage 8	positive	0	2	100.00
Syva Rapid Test	positive	0	0	*****
Intex	positive	0	4	100.00
Willi Fox	positive	0	2	100.00
MD Doctors Direct	positive	5	3	37.50
Clear Test	positive	0	5	100.00
Triage TOX	positive	4	6	60.00
Other quantitativ	positive	0	16	100.00
Others	positive	6	11	64.71
Total		20	75	78.95

Cannabinoïdes	Target Value	negative	positive	% Conform
Abbott	negative	5	0	100.00
Cobas	negative	5	0	100.00
Protzek	negative	4	0	100.00
Nal von Minden	negative	10	0	100.00
SureStep Abbott	negative	11	1	91.67
Triage 8	negative	2	0	100.00
Syva Rapid Test	negative	2	0	100.00
Intex	negative	7	1	87.50
Willi Fox	negative	5	0	100.00
MD Doctors Direct	negative	9	0	100.00
Clear Test	negative	6	0	100.00
Triage TOX	negative	10	0	100.00
Other quantitativ	negative	15	0	100.00
Others	negative	26	0	100.00
Total		117	2	98.32

Cocaine	Target Value	negative	positive	% Conform
Abbott	positive	0	4	100.00
Cobas	positive	0	5	100.00
Protzek	positive	0	4	100.00
Nal von Minden	positive	1	7	87.50
SureStep Abbott	positive	0	11	100.00
Triage 8	positive	0	2	100.00
Syva Rapid Test	positive	0	1	100.00
Intex	positive	1	2	66.67
Willi Fox	positive	0	4	100.00
MD Doctors Direct	positive	0	8	100.00
Clear Test	positive	1	5	83.33
Triage TOX	positive	0	10	100.00
Other quantitativ	positive	1	15	93.75
Others	positive	0	21	100.00
Total		4	99	96.12

Methadone	Target Value	negative	positive	% Conform
Abbott	negative	4	0	100.00
Cobas	negative	5	0	100.00
Protzek	negative	4	0	100.00
Nal von Minden	negative	6	0	100.00
SureStep Abbott	negative	9	0	100.00
Triage 8	negative	1	0	100.00
Intex	negative	3	0	100.00
Willi Fox	negative	3	0	100.00
MD Doctors Direct	negative	9	0	100.00
Clear Test	negative	5	0	100.00
Triage TOX	negative	8	0	100.00
Other quantitativ	negative	12	0	100.00
Others	negative	19	1	95.00
Total		88	1	98.88

Opiate	Target Value	negative	positive	% Conform
Abbott	positive	0	4	100.00
Cobas	positive	0	5	100.00
Protzek	positive	0	4	100.00
Nal von Minden	positive	1	7	87.50
SureStep Abbott	positive	0	9	100.00
Triage 8	positive	0	2	100.00
Syva Rapid Test	positive	0	1	100.00
Intex	positive	0	3	100.00
Willi Fox	positive	0	4	100.00
MD Doctors Direct	positive	1	8	88.89
Clear Test	positive	0	6	100.00
Triage TOX	positive	0	10	100.00
Other quantitativ	positive	1	15	93.75
Others	positive	1	18	94.74
Total		4	96	96.00

Phencyclidin	Target Value	negative	positive	% Conform
Others	negative	4	0	100.00

Paracetamol	Target Value	negative	positive	% Conform
Triage TOX	negative	3	0	100.00

6-Acetylmorphin	Target Value	negative	positive	% Conform
all Participants	positive	0	1	100.00

Buprenorphin	Target Value	negative	positive	% Conform
all Participants	negative	6	0	100.00

EDDP	Target Value	negative	positive	% Conform
all Participants	negative	8	0	100.00

Ethylglucuronid ql	Target Value	negative	positive	% Conform
Rapid Test	positive	0	2	100.00

Morphin	Target Value	negative	positive	% Conform
all Participants	positive	0	2	100.00

Ecstasy pos/neg	Target Value	negative	positive	% Conform
Others	negative	20	0	100.00

Commentary U03

To one liter of urine 186 mg ethanol, 200 µg temazepam, 700 µg benzoylecgonine, 800 µg 6-acetylmorphine, 700 µg clomipramine, 900 µg desipramine, 400 µg amitriptyline, and 400 µg imipramine were added. Accordingly, benzodiazepines, opiates (incl. morphine, 6-acetylmorphine), cocaine and TCA should be positive, all other analyses negative. In Switzerland, the SCDAT recommendation is to report benzodiazepines at 100 µg as "positive". Individual tests unfortunately use higher limits. The sample also contained alcohol (4.8 mmol/l) and ethyl glucuronide (2.9 mg/l).

K08 Cardiac Markers h232

Troponin T qI	Target Value	negative	positive	% Conform
Rapid Test	positive	1	17	94.44

Troponin T CR pos/neg	Target Value	negative	positive	% Conform
Cobas h 232	positive	10	602	98.37

Troponin I qI	Target Value	negative	positive	% Conform
Others	positive	0	2	100.00
