

Report MQ 2026/3 Qualitative evaluations

28.09.2026 V1.0

Summary

Sample		Results	Good	% Good
H14	HbF-Cells	26	26	100.00 %
I09	Allergologie Immunocap RAPID	4994	4843	96.98 %
S01	Fecal Occult Blood	210	192	91.43 %
U02	Urine teststrip/HCG	1279	1261	98.59 %
U03	Drugs of Abuse	1019	995	97.64 %
Total		7528	7317	97.20 %

H14 HbF-Cells

HbF-Cells	Target Value	negative	positive	% Conform
flow cytometry	negative	3	0	100.00
Kleihauer-Bethke	negative	23	0	100.00
Total		26	0	100.00

I09 Allergologie Immunocap RAPID

D1 Derm. pteronyssin.	Target Value	negative	border	positive	% Conform
ImmunoCAP rapid	not rateable	193	139	168	100.00
E1 cat	Target Value	negative	border	positive	% Conform
ImmunoCAP rapid	negative	498	0	2	99.60
E5 dog	Target Value	negative	border	positive	% Conform
ImmunoCAP rapid	negative	498	0	1	99.80
F1 Egg White	Target Value	negative	border	positive	% Conform
ImmunoCAP rapid	negative	45	0	0	100.00
F2 Milk	Target Value	negative	border	positive	% Conform
ImmunoCAP rapid	negative	44	1	0	97.78
G6 timothy grass	Target Value	negative	border	positive	% Conform
ImmunoCAP rapid	negative	496	2	0	99.60
i6 German Cockroach	Target Value	negative	border	positive	% Conform
ImmunoCAP rapid	Borderline/neg	265	90	99	78.19

m6 Mould	Target Value	negative	border	positive	% Conform
ImmunoCAP rapid	positive	16	5	438	95.42
T3 Birch	Target Value	negative	border	positive	% Conform
ImmunoCAP rapid	negative	498	0	2	99.60
T9 olive	Target Value	negative	border	positive	% Conform
ImmunoCAP rapid	negative	498	0	0	100.00
W21 Pellitory, wall	Target Value	negative	border	positive	% Conform
ImmunoCAP rapid	negative	495	3	0	99.40
W6 Mugwort	Target Value	negative	border	positive	% Conform
ImmunoCAP rapid	negative	478	4	16	95.98

Commentary

The concentration of the D1 Derm. pteronyssi allergen was very close to the cut-off. We therefore did not evaluate this allergen.

S01 Fecal Occult Blood

Fecal occult blood	Target Value	negative	border	positive	% Conform
Colo-Rectal Test	positive	1	0	29	96.67
I-Colo-Rectal Test	positive	2	1	67	95.71
Epi Tuub	positive	3	0	3	50.00
Hexagon OBTI	positive	3	0	21	87.50
Haemoccult	positive	1	0	2	66.67
Others Guajak	positive	0	0	1	100.00
Hemofec	positive	0	0	1	100.00
others immuno	positive	7	0	68	90.67
Total		17	1	192	91.43

Commentary

Our simulated stool sample contained human blood and was intended to be positive. Due to a problem with homogeneity, the inadequate quantitative results were not evaluated.

U02 Urine teststrip/HCG

HCG	Target Value	negative	positive	% Conform
Rapid Test	positive	18	1261	98.59

Commentary

The urine came from healthy donors, to which nitrite, glucose and hCG were added.

U03 Drugs of Abuse

MDMA	Target Value	negative	border	positive	% Conform
LCMS	positive	0	0	4	100.00

6-Acetylmorphin	Target Value	negative	border	positive	% Conform
all Participants	negative	2	0	0	100.00

Amphetamine	Target Value	negative	border	positive	% Conform
Abbott	positive	2	0	4	66.67
Roche	positive	0	0	8	100.00
Siemens	negative	2	0	0	100.00
Clear Test	negative	5	0	0	100.00
Intex	negative	2	0	0	100.00
MD Doctors Direct	negative	6	0	0	100.00
Nal von Minden	negative	10	0	0	100.00
Protzek	negative	6	0	0	100.00
SureStep Abbott	negative	15	0	0	100.00
Triage TOX	negative	28	0	0	100.00
Willi Fox	negative	6	0	0	100.00
Others	negative	13	0	0	100.00
Other quantitativ	negative	8	0	1	88.89
Total		103	0	13	11.21

Barbiturates	Target Value	negative	border	positive	% Conform
Abbott	negative	3	0	0	100.00
Roche	negative	7	0	0	100.00
Siemens	negative	2	0	0	100.00
MD Doctors Direct	negative	5	0	0	100.00
Nal von Minden	negative	4	0	0	100.00
Protzek	negative	3	0	0	100.00
SureStep Abbott	negative	10	0	0	100.00
Triage TOX	negative	28	0	0	100.00
Willi Fox	negative	2	0	0	100.00
Others	negative	6	0	0	100.00
Other quantitativ	negative	4	0	0	100.00
Total		74	0	0	100.00

Benzodiazepines	Target Value	negative	border	positive	% Conform
Abbott	positive	0	0	5	100.00
Roche	positive	0	0	8	100.00
Siemens	positive	0	0	2	100.00
Clear Test	positive	0	0	5	100.00
Intex	positive	0	0	3	100.00
MD Doctors Direct	positive	0	0	8	100.00
Nal von Minden	positive	0	0	10	100.00
Protzek	positive	1	0	4	80.00
SureStep Abbott	positive	3	0	12	80.00
Triage TOX	positive	0	0	28	100.00
Willi Fox	positive	0	1	5	83.33
Others	positive	3	0	11	78.57
Other quantitativ	positive	0	0	10	100.00
Total		7	1	111	93.28

Buprenorphin	Target Value	negative	border	positive	% Conform
all Participants	negative	11	0	0	100.00

Cannabinoides	Target Value	negative	border	positive	% Conform
Abbott	negative	6	0	0	100.00
Roche	negative	8	0	0	100.00
Siemens	negative	2	0	0	100.00
Clear Test	negative	6	0	0	100.00
Intex	negative	7	0	0	100.00
MD Doctors Direct	negative	9	0	0	100.00
Nal von Minden	negative	12	0	0	100.00
Protzek	negative	7	0	0	100.00
SureStep Abbott	negative	17	0	0	100.00
Triage TOX	negative	28	0	0	100.00
Willi Fox	negative	10	0	0	100.00
Others	negative	19	0	0	100.00
Other quantitativ	negative	10	0	0	100.00
Total		141	0	0	100.00

Cocaine	Target Value	negative	border	positive	% Conform
Abbott	negative	5	0	0	100.00
Roche	negative	8	0	0	100.00
Siemens	negative	2	0	0	100.00
Clear Test	negative	5	0	0	100.00
Intex	negative	3	0	0	100.00
MD Doctors Direct	negative	8	0	0	100.00
Nal von Minden	negative	10	0	0	100.00
Protzek	negative	7	0	0	100.00
SureStep Abbott	negative	15	0	0	100.00
Triage TOX	negative	28	0	0	100.00
Willi Fox	negative	6	0	0	100.00
Others	negative	16	0	0	100.00
Other quantitativ	negative	11	0	0	100.00
Total		124	0	0	100.00

Ecstasy, ql	Target Value	negative	border	positive	% Conform
Protzek	negative	3	0	0	100.00
Others	positive	0	0	26	100.00
Total		3	0	26	10.34

EDDP	Target Value	negative	border	positive	% Conform
all Participants	positive	0	0	20	100.00

Ethylglucuronid ql	Target Value	negative	border	positive	% Conform
Rapid Test	negative	5	0	0	100.00

Fentanyl	Target Value	negative	border	positive	% Conform
LCMS	negative	3	0	0	100.00
Others	negative	2	0	0	100.00
Total		5	0	0	100.00

LSD	Target Value	negative	border	positive	% Conform
Roche	negative	1	0	0	100.00
Other quantitativ	negative	3	0	0	100.00
Total		4	0	0	100.00

Methadone	Target Value	negative	border	positive	% Conform
Abbott	positive	0	0	4	100.00
Roche	positive	0	0	6	100.00
Siemens	positive	0	0	2	100.00
Clear Test	positive	0	0	5	100.00
Intex	positive	0	0	2	100.00
MD Doctors Direct	positive	2	0	6	75.00
Nal von Minden	positive	0	0	8	100.00
Protzek	positive	1	0	4	80.00
SureStep Abbott	positive	1	0	13	92.86
Triage TOX	positive	0	0	18	100.00
Willi Fox	positive	0	0	6	100.00
Others	positive	1	0	13	92.86
Other quantitativ	positive	0	0	7	100.00
Total		5	0	94	94.95

Methamphetamine, qI	Target Value	negative	border	positive	% Conform
MD Doctors Direct	negative	3	0	1	75.00
LCMS	negative	3	0	0	100.00
Intex	negative	1	0	0	100.00
Nal von Minden	Borderline/neg	6	1	0	100.00
Protzek	negative	6	0	0	100.00
SureStep Abbott	negative	7	0	2	77.78
Triage TOX	positive	0	0	26	100.00
Willi Fox	negative	2	0	0	100.00
Other methods	not rateable	7	0	3	100.00
Total		35	1	32	51.47

Methaqualon	Target Value	negative	border	positive	% Conform
all Participants	negative	3	0	0	100.00

Morphin	Target Value	negative	border	positive	% Conform
all Participants	negative	11	0	0	100.00

Opiate	Target Value	negative	border	positive	% Conform
Abbott	negative	5	0	0	100.00
Roche	negative	8	0	0	100.00
Siemens	negative	2	0	0	100.00
Clear Test	negative	4	0	0	100.00
Intex	negative	2	0	0	100.00
MD Doctors Direct	negative	8	0	0	100.00
Nal von Minden	negative	9	0	0	100.00
Protzek	negative	6	0	0	100.00
SureStep Abbott	negative	10	0	0	100.00
Triage TOX	negative	28	0	0	100.00
Willi Fox	negative	6	0	0	100.00
Others	negative	15	0	1	93.75
Other quantitativ	negative	11	0	0	100.00
Total		114	0	1	99.13

Paracetamol	Target Value	negative	border	positive	% Conform
Triage TOX	negative	3	0	0	100.00
Other methods	negative	3	0	0	100.00
Total		6	0	0	100.00

Phencyclidin	Target Value	negative	border	positive	% Conform
LCMS	negative	3	0	0	100.00
Others	negative	6	0	0	100.00
Triage TOX	negative	1	0	0	100.00
Total		10	0	0	100.00

TCA, qI	Target Value	negative	border	positive	% Conform
Triage TOX	positive	1	0	26	96.30
Other methods	positive	3	0	23	88.46
Total		4	0	49	92.45

Commentary

0.25mg alprazolam (benzodiazepine), 3.2mg nortriptyline (TCA), 0.5mg methadone, 0.5mg EDDP and 0.8mg MDMA (Ecstasy) were added to one liter of urine. In some test systems, MDMA (3,4-methylenedioxy-N-methylamphetamine) produces positive results for amphetamine and methamphetamine; we have also assessed these as correct.