

Report MQ 2025/3 Microbiology: Antibody and antigen tests

Summary

Sample		Results	Good	% Good
B01	Strep A Antigen	1251	1236	98.80 %
B04	Rubella / Mumps IgG/IgM	82	82	100.00 %
B05	Toxoplasmose IgG/IgM	43	43	100.00 %
B06	Lues / Syphilis Serologie	79	78	98.73 %
B07	Cytomegalovirus IgG/IgM	68	68	100.00 %
B08	Varizellen / HSV1/2 IgG/IgM	108	106	98.15 %
B20	Epstein-Barr-Virus IgG/IgM	170	170	100.00 %
B21	Legionella Antigen Urin	76	76	100.00 %
B22	S. pneumoniae Antigen Urin	64	64	100.00 %
B24	RSV/Influenza Antigen	32	31	96.88 %
B27	Helicobacter Pylori Antigen	69	66	95.65 %
B30	Rota-/Adeno-/Norovirus Ag	82	80	97.56 %
B32	SARS-CoV-2 IgG/IgM	8	8	100.00 %
B33	SARS-CoV-2 Antigen	35	35	100.00 %
B34	FSME IgG/IgM	12	11	91.67 %
B35	Masern/Parvovirus IgG/IgM	54	54	100.00 %
B37	C. Diff Ag (GDH, Toxin A/B)	70	70	100.00 %
B38	H. pylori Urease-Test	6	6	100.00 %
B39	Mykobakterien Mikroskopie	46	46	100.00 %
B42	HIV, Hepatitis B/C, Serologie	613	612	99.84 %
B43	Hepatitis A IgG / IgM	63	63	100.00 %
B44	Hepatitis E IgG / IgM	20	20	100.00 %
H11	Malaria Schnelltest / NAT	92	85	92.39 %
V01	HIV Schnelltest	28	25	89.29 %
Total		3171	3135	98.86 %

B01 Strep A Antigen

Strep A	Target Value	negative	positive	% Conform
Rapid Test	negative	1236	15	98.80

B04 Rubella / Mumps IgG/IgM

Mumps IgG	Target Value	negative	positive	% Conform
all Participants	negative	12	0	100.00

Mumps IgM	Target Value	negative	positive	% Conform
all Participants	negative	8	0	100.00

Rubella IgG	Target Value	negative	positive	% Conform
all Participants	negative	35	0	100.00

Rubella IgM	Target Value	negative	positive	% Conform
all Participants	negative	27	0	100.00

B05 Toxoplasmosis IgG/IgM

Toxoplasma IgG	Target Value	negative	positive	% Conform
Other methods	positive	0	7	100.00
Abbott	positive	0	5	100.00
Roche	positive	0	10	100.00
Total		0	22	100.00

Toxoplasma IgM	Target Value	negative	positive	% Conform
Abbott	negative	5	0	100.00
Roche	negative	10	0	100.00
Other methods	negative	6	0	100.00
Total		21	0	100.00

B06 Lues / syphilis serology

Treponema Screening (Ig total)	Target Value	negative	positive	% Conform
all Participants	positive	1	24	96.00

Treponema IgG	Target Value	negative	positive	% Conform
EIA	positive	0	8	100.00
Immunoblot	positive	0	1	100.00
Total		0	9	100.00

Treponema IgM	Target Value	negative	positive	% Conform
EIA	negative	5	0	100.00
Immunoblot	negative	3	0	100.00
Total		8	0	100.00

RPR/VDRL	Target Value	negative	positive	% Conform
all Participants	negative	21	0	100.00

Syphilis TPPA	Target Value	negative	positive	% Conform
all Participants	positive	0	16	100.00

B07 Cytomegalovirus IgG/IgM

Cytomegaly IgG	Target Value	negative	positive	% Conform
Abbott	positive	0	6	100.00
Roche	positive	0	18	100.00
Other methods	positive	0	12	100.00
Total		0	36	100.00

Cytomegaly IgM	Target Value	negative	positive	% Conform
Abbott	negative	5	0	100.00
Roche	negative	17	0	100.00
Other methods	negative	10	0	100.00
Total		32	0	100.00

B08 Varicella / HSV1/2 IgG/IgM

HSV 1/2 IgG	Target Value	negative	positive	% Conform
all Participants	positive	0	4	100.00

HSV1 IgG	Target Value	negative	positive	% Conform
all Participants	positive	1	14	93.33

HSV1/2 IgM	Target Value	negative	positive	% Conform
all Participants	negative	17	0	100.00

HSV2 IgG	Target Value	negative	positive	% Conform
all Participants	negative	14	1	93.33

Varicellen IgG	Target Value	negative	positive	% Conform
all Participants	positive	0	35	100.00

Varicellen IgM	Target Value	negative	positive	% Conform
all Participants	negative	22	0	100.00

B20 Epstein-Barr-Virus IgG/IgM

EBV EBNA-1 IgG	Target Value	negative	positive	% Conform
VIDAS	positive	0	5	100.00
Abbott	positive	0	3	100.00
Other methods	positive	0	16	100.00
Liaison	positive	0	8	100.00
Total		0	32	100.00

EBV heterophilic antibodies	Target Value	negative	positive	% Conform
Rapid Test	negative	73	0	100.00

EBV VCA-IgG	Target Value	negative	positive	% Conform
VIDAS	positive	0	5	100.00
Abbott	positive	0	3	100.00
Other methods	positive	0	17	100.00
Liaison	positive	0	8	100.00
Total		0	33	100.00

EBV VCA-IgM	Target Value	negative	positive	% Conform
VIDAS	negative	5	0	100.00
Abbott	negative	4	0	100.00
Other methods	negative	15	0	100.00
Liaison	negative	8	0	100.00
Total		32	0	100.00

B21 Legionella antigen urine

Legionella antigen urine	Target Value	negative	positive	% Conform
Quidel Sofia	positive	0	19	100.00
	positive	0	33	100.00
Other methods	positive	0	24	100.00
Total		0	76	100.00

B22 S. pneumoniae antigen urine

S. pneumoniae antigen urine	Target Value	negative	positive	% Conform
Quidel Sofia	negative	18	0	100.00
	negative	25	0	100.00
Other methods	negative	21	0	100.00
Total		64	0	100.00

B24 RSV/Influenza rapid test

Influenza Ag	Target Value	negative	positive	% Conform
	negative	1	0	100.00
Other methods	negative	11	0	100.00
Total		12	0	100.00

RSV Antigen	Target Value	negative	positive	% Conform
	positive	1	2	66.67
Other methods	positive	0	17	100.00
Total		1	19	95.00

B27 Helicobacter Pylori Antigen

Helicobacter pylori antigen	Target Value	negative	positive	% Conform
Ridascreen	positive	0	7	100.00
Oxoid RAPID Hp StAR	positive	1	4	80.00
SD-Biosensor	positive	0	7	100.00
Liaison	positive	0	14	100.00
Rapid Test	positive	1	17	94.44
Meridian STAT! HpSA	positive	1	4	80.00
CerTest Biotec	positive	0	13	100.00
Total		3	66	95.65

B30 Rota-/Adeno-/Norovirus Ag

Adenovirus Ag	Target Value	negative	positive	% Conform
SD-Biosensor	negative	7	0	100.00
CerTest Biotec	negative	6	0	100.00
r-biopharm	negative	5	0	100.00
Other methods	negative	18	0	100.00
Total		36	0	100.00

Norovirus Ag	Target Value	negative	positive	% Conform
all Participants	negative	11	0	100.00

Rotavirus Ag	Target Value	negative	positive	% Conform
r-biopharm	positive	0	5	100.00
SD-Biosensor	negative	7	0	100.00
Other methods	positive	2	14	87.50
CerTest Biotec	positive	0	7	100.00
Total		9	26	74.29

B32 SARS-CoV-2 IgG/IgM

SARS-CoV-2 IgG	Target Value	negative	positive	% Conform
all Participants	positive	0	1	100.00

SARS-CoV-2 IgG NCP	Target Value	negative	positive	% Conform
all Participants	positive	0	1	100.00

SARS-CoV-2 IgG Spike 1	Target Value	negative	positive	% Conform
all Participants	positive	0	5	100.00

SARS-CoV-2 IgG Spike 2 Ak	Target Value	negative	positive	% Conform
all Participants	positive	0	1	100.00

B33 SARS-CoV-2 Ag

SARS-CoV-2 Antigen	Target Value	negative	positive	% Conform
Roche	negative	12	0	100.00
Other methods	negative	23	0	100.00
Total		35	0	100.00

B34 FSME IgG/IgM

FSME IgG	Target Value	negative	positive	% Conform
all Participants	positive	1	5	83.33

FSME IgM	Target Value	negative	positive	% Conform
all Participants	negative	6	0	100.00

B35 Masern/Parvovirus IgG/IgM

Masern IgG	Target Value	negative	positive	% Conform
all Participants	negative	16	0	100.00

Masern IgM	Target Value	negative	positive	% Conform
all Participants	negative	11	0	100.00

Parvovirus B19 IgG	Target Value	negative	positive	% Conform
all Participants	negative	14	0	100.00

Parvovirus B19 IgM	Target Value	negative	positive	% Conform
all Participants	negative	13	0	100.00

B37 C. Diff Ag (GDH, Toxin A/B)

C. Diff GDH	Target Value	negative	positive	% Conform
all Participants	positive	0	16	100.00
Ridascreen	positive	0	5	100.00
Techlab C.Diff Quick Chek	positive	0	12	100.00
Total		0	33	100.00

C. Diff Toxin A	Target Value	negative	positive	% Conform
all Participants	negative	7	0	100.00

C. Diff Toxin B	Target Value	negative	positive	% Conform
all Participants	negative	7	0	100.00

C. Diff Tox A/B	Target Value	negative	positive	% Conform
Other methods	negative	6	0	100.00
Ridascreen	negative	6	0	100.00
Techlab C.Diff Quick Chek	negative	11	0	100.00
Total		23	0	100.00

B38 H. pylori Urease-Test

H. pylori Urease-Test	Target Value	negative	positive	% Conform
Rapid Test	positive	0	6	100.00

B39 Mycobacteria, microscopy

Acid-fast bacilli A	Target Value	negative	positive	% Conform
Ziehl-Neelsen	positive	0	20	100.00
Auramin-Rhodamin	positive	0	3	100.00
Total		0	23	100.00

Acid-fast bacilli B	Target Value	negative	positive	% Conform
Ziehl-Neelsen	positive	0	20	100.00
Auramin-Rhodamin	positive	0	3	100.00
Total		0	23	100.00

B42 HIV, Hepatitis B/C, Serologie

HBs Ag sample A	Target Value	negative	positive	% Conform
Other methods	positive	0	12	100.00
Abbott	positive	0	10	100.00
Roche	positive	0	29	100.00
Total		0	51	100.00

Anti-HBs Ig total sample A	Target Value	negative	positive	% Conform
Abbott	negative	9	0	100.00
Roche	negative	28	0	100.00
Other methods	negative	7	0	100.00
Total		44	0	100.00

Anti-HBc Ig total sample A	Target Value	negative	positive	% Conform
Abbott	positive	0	9	100.00
Roche	positive	0	29	100.00
Other methods	positive	0	7	100.00
Total		0	45	100.00

Anti-HBc IgM sample A	Target Value	negative	positive	% Conform
Other methods	negative	4	0	100.00
Abbott	negative	5	0	100.00
Roche	negative	9	0	100.00
Total		18	0	100.00

HBe Ag sample A	Target Value	negative	positive	% Conform
Abbott	negative	6	0	100.00
Roche	negative	9	0	100.00
Other methods	negative	3	1	75.00
Total		18	1	94.74

Anti-HBe Ig total sample A	Target Value	negative	positive	% Conform
Abbott	positive	0	5	100.00
Roche	positive	0	9	100.00
Other methods	positive	0	4	100.00
Total		0	18	100.00

Anti-HCV Ig total sample A	Target Value	negative	positive	% Conform
Other methods	negative	14	0	100.00
Abbott	negative	10	0	100.00
Roche	negative	28	0	100.00
Total		52	0	100.00

HIV 1/2 Combo sample A	Target Value	negative	positive	% Conform
Roche	positive	0	36	100.00
Other methods	positive	0	12	100.00
Abbott	positive	0	10	100.00
Total		0	58	100.00

HBs Ag sample B	Target Value	negative	positive	% Conform
Abbott	negative	10	0	100.00
Roche	negative	28	0	100.00
Other methods	negative	11	0	100.00
Total		49	0	100.00

Anti-HBs Ig total sample B	Target Value	negative	positive	% Conform
Abbott	negative	9	0	100.00
Roche	negative	29	0	100.00
Other methods	negative	7	0	100.00
Total		45	0	100.00

Anti-HBc Ig total sample B	Target Value	negative	positive	% Conform
Abbott	negative	9	0	100.00
Roche	negative	29	0	100.00
Other methods	negative	7	0	100.00
Total		45	0	100.00

Anti-HBc IgM sample B	Target Value	negative	positive	% Conform
Abbott	negative	5	0	100.00
Roche	negative	11	0	100.00
Other methods	negative	4	0	100.00
Total		20	0	100.00

HBe Ag sample B	Target Value	negative	positive	% Conform
Abbott	negative	6	0	100.00
Roche	negative	9	0	100.00
Other methods	negative	4	0	100.00
Total		19	0	100.00

Anti-HBe Ig total sample B	Target Value	negative	positive	% Conform
Abbott	negative	5	0	100.00
Roche	negative	9	0	100.00
Other methods	negative	4	0	100.00
Total		18	0	100.00

Anti-HCV Ig total sample B	Target Value	negative	positive	% Conform
Abbott	positive	0	10	100.00
Roche	positive	0	28	100.00
Other methods	positive	0	14	100.00
Total		0	52	100.00

HIV 1/2 Combo sample B	Target Value	negative	positive	% Conform
Abbott	negative	10	0	100.00
Roche	negative	36	0	100.00
Other methods	negative	14	0	100.00
Total		60	0	100.00

B43 Hepatitis A IgG / IgM

Anti-HAV Ig	Target Value	negative	positive	% Conform
Roche	positive	0	20	100.00
Other methods	positive	0	7	100.00
Total		0	27	100.00

Anti-HAV IgG	Target Value	negative	positive	% Conform
Abbott	positive	0	5	100.00
all Participants	positive	0	1	100.00
Total		0	6	100.00

Anti-HAV IgM	Target Value	negative	positive	% Conform
Roche	negative	17	0	100.00
Other methods	negative	8	0	100.00
Abbott	negative	5	0	100.00
Total		30	0	100.00

B44 Hepatitis E IgG / IgM

Anti-HEV IgG	Target Value	negative	positive	% Conform
all Participants	positive	0	10	100.00

Anti-HEV IgM	Target Value	negative	positive	% Conform
all Participants	positive	0	10	100.00

H11 Malaria rapid test / NAT

Malaria	Target Value	negative	border	positive	% Conform
	positive	0	0	10	100.00
	positive	6	1	32	82.05
SD-Biosensor	positive	0	0	31	100.00
NAT Amp.	positive	0	0	5	100.00
Other methods	positive	0	0	7	100.00
Total		6	1	85	92.39

V01 HIV Schnelltest

HIV Rapid Test	Target Value	negative	positive	% Conform
Determine HIV 1/2	positive	1	21	95.45
Other methods	positive	2	4	66.67
Total		3	25	89.29