



Automation of the Anti-SARS-CoV-2 NCP ELISA

Quick and reliable ELISA processing



Anti-SARS-CoV-2 NCP ELISA (IgG and IgM)

- Sensitive detection of IgG or IgM antibodies against SARS-CoV-2 due to the use of the nucleocapsid protein
- Antigen with the greatest immunodominance in the coronavirus family
- Optimised specificity of the ELISA due to the use of a modified nucleocapsid protein (NCP), containing only diagnostically relevant epitopes

Order numbers: EI 2606-9601-2 G, M; EI 2606-9620-2 G



EUROLabWorkstation ELISA



EUROIMMUN Analyzer I-2P



EUROIMMUN Analyzer I



Sprinter XL



EUROLabWorkstation ELISA (2 or 4 incubators)*



ELISA plate layout

- IgG or IgM: Calibrator, positive control, negative control, 93 patient samples

IgG ELISA kit now also available in an optimised format with 20 ELISA plates/kit and exchangeable reagents in EURO Tanks!
Order number: EI 2606-9620-2 G

Examples of workflows using the EUROLabWorkstation ELISA (2 incubators)*

Number of patient samples	No. of ELISA plates (bold = full plate)	Anti-SARS-CoV-2-NCP ELISA	Run time of device hh:mm	Total number of tests	Number of tests per hour
186	2	IgG or IgM	02:13	186	84
372	4	IgG or IgM	03:36	372	103
744**	8	IgG or IgM	06:11	744	120
186	4	IgG and IgM	03:41	372	100
372	8	IgG and IgM	06:16	744	119
600**	13	IgG and IgM	09:57	1200	120

Examples of workflows using the EUROLabWorkstation ELISA (4 incubators)*

Number of patient samples	No. of ELISA plates (bold = full plate)	Anti-SARS-CoV-2-NCP ELISA	Run time of device hh:mm	Total number of tests	Number of tests per hour
186	2	IgG or IgM	02:13	186	84
372	4	IgG or IgM	02:31	372	148
744**	8	IgG or IgM	04:20	744	172
186	4	IgG and IgM	02:49	372	133
372	8	IgG and IgM	04:24	744	173
600**	13	IgG and IgM	06:36	1200	181

*Incubators are not included in the standard delivery.

**maximal capacity per run

EUROIMMUN Analyzer I



ELISA plate layout

- IgG: Calibrator, positive control, negative control, 93 patient samples
- IgM: calibrator, positive control, negative control, 45 patient samples, calibrator, positive control, negative control, 45 patient samples

Examples of workflows using the EUROIMMUN Analyzer I

Number of patient samples	No. of ELISA plates (bold = full plate)	Anti-SARS-CoV-2-NCP ELISA	Run time of device hh:mm	Total number of tests	Number of tests per hour
90	1	IgM	03:13	90	28
144	2	IgM	03:31	144	41
180*	2	IgM	04:01	180	45
93	1	IgG	03:06	93	30
144	2	IgG	03:29	144	41
180*	2	IgG	04:01	180	45
90	1	IgM and IgG	04:01	180	45
144*	2	IgM and IgG	06:42	288	21

* maximal capacity per run



EUROIMMUN Analyzer I-2P



ELISA plate layout

- IgG: Calibrator, positive control, negative control, 93 patient samples
- IgM: calibrator, positive control, negative control, 45 patient samples, calibrator, positive control, negative control, 45 patient samples

Examples of workflows using the EUROIMMUN Analyzer I-2P

Number of patient samples	No. of ELISA plates (bold = full plate)	Anti-SARS-CoV-2-NCP ELISA	Run time of device hh:mm	Total number of tests	Number of tests per hour
93	1	IgG	02:58	93	31
144*	2	IgG	03:25	144	42
90	1	IgM	03:06	90	29
144*	2	IgM	03:25	144	42
90	2	IgG and IgM	04:56	180	18
96*	3	IgG and IgM	05:39	192	17

* maximal capacity per run

Sprinter XL 160/240 (ELISA configuration with incubator)*



ELISA plate layout

- Calibrator, calibrator, positive control, negative control, 92 patient samples
- IgM: calibrator, calibrator, positive control, negative control, 44 patient samples, calibrator, calibrator, positive control, negative control, 44 patient samples

Examples of workflows using the Sprinter XL 160 and 240 (ELISA configuration with incubator)*

Number of patient samples	No. of ELISA plates (bold = full plate)	Anti-SARS-CoV-2-NCP ELISA	Run time of device hh:mm	Total number of tests	Number of tests per hour
92	1	IgG	02:32	92	36
160**	2	IgG	03:50	160	56
240***	3	IgG	03:10	240	76
88	1	IgM	02:42	88	67
160**	2	IgM	03:00	160	53
240***	3	IgM	03:35	240	67
88	2	IgG and IgM	02:57	176	60
160**	4	IgG and IgM	03:46	320	85
184***	5	IgG and IgM	05:00	368	74

* device configuration IIFT/ELISA with incubator is indispensable

** maximal capacity per run for Sprinter XL 160 IIFT/ELISA with incubator

*** maximal capacity per run for Sprinter XL 240 IIFT/ELISA with incubator



EUROIMMUN ELISAs for infection diagnostics

ELISA antibody detection

Antibodies against	Order no.
A Adenovirus IgA, IgG, IgM	EI 2680-9601 A/G/M
Bordetella pertussis toxin IgA, IgG	EI 2050-9601 A/G
Bordetella pertussis IgM	EI 2050-9601 M
Bordetella FHA IgA, IgG	EI 2050-9601-3 A/G
Bordetella pertactin IgG	EI 2050-9601-4 G
B Borrelia IgM	EI 2132-9601 M
Borrelia burgdorferi VlsE IgG	EI 2132-9601-1 G
Borrelia plus VlsE IgG	EI 2132-9601-2 G
Borrelia Select IgG, IgM	EI 2132-9601-5 G/M
Brucella abortus IgA, IgG, IgM	EI 2189-9601 A/G/M
C Campylobacter jejuni IgA, IgG	EI 2091-9601 A/G
Chikungunya virus IgG, IgM	EI 293a-9601 G/M
Chlamydia IgA, IgG, IgM	EI 2190-9601 A/G/M
Chlamydia pneumoniae IgA, IgG, IgM	EI 2192-9601 A/G/M
Chlamydia trachomatis IgA, IgG, IgM	EI 2191-9601 A/G/M
Coxiella burnetii phase 1 IgG	EI 217a-9601-1 G
Coxiella burnetii phase 2 IgG, IgM	EI 217a-9601-2 G/M
Cytomegalovirus (CMV) IgG, IgM	EI 2570-9601 G/M
Cytomegalovirus (CMV) p52 IgM	EI 2570-9601-2 M
Cytomegalovirus (CMV) gB IgG	EI 2570-9601-3 G
D Dengue virus (1-4) IgG, IgM	EI 266a-9601-1 G/M
Dengue virus (1-4) IgG (NS1 antigen)	EI 266a-9601-2 G
Dengue virus IgA, IgG, IgM	EI 266b-9601 A/G/M
Diphtheria toxoid IgG	EI 2040-9601 G
E Echinococcus IgG	EI 2320-9601-1 G
Enterovirus IgA, IgG, IgM	EI 2730-9601-1 A/G/M
EBV-CA IgA, IgG, IgM	EI 2791-9601 A/G/M
EBV-EA IgA, IgG, IgM	EI 2795-9601 A/G/M
EBNA-1 IgG	EI 2793-9601 G
H Hantavirus Pool 1 "Eurasia" IgG, IgM	EI 278h-9601-1 G/M
Hantavirus Pool 2 "America" IgG, IgM	EI 278h-9601-2 G/M
Helicobacter pylori IgA, IgG	EI 2080-9601 A/G
Helicobacter pylori (CagA) IgA, IgG	EI 2081-9601 A/G
Hepatitis E virus (HEV) IgA, IgG, IgM	EI 2525-9601 A/G/M
Hepatitis E virus (HEV) IgAGM	EI 2525-9601 P
Herpes simplex virus 1 (HSV-1) IgG, IgM	EI 2531-9601-2 G/M
Herpes simplex virus 2 (HSV-2) IgG, IgM	EI 2532-9601-2 G/M
Herpes simplex virus (HSV-1/2) IgA, IgG, IgM	EI 2531-9601-1 A/G/M
I Influenza A virus IgA, IgG, IgM	EI 2691-9601 A/G/M
Influenza B virus IgA, IgG, IgM	EI 2692-9601 A/G/M
J Japanese encephalitis virus (JEV) IgG, IgM	EI 2663-9601 G/M
L Legionella pneumophila IgA, IgG, IgM	EI 2150-9601 A/G/M
M Measles virus IgG, IgM	EI 2610-9601 G/M
Measles virus (NP) IgM	EI 2610-9601-4 M
Mayaro virus IgG, IgM	EI 295c-9601 G/M
MERS-CoV IgG	EI 2604-9601 G
Mumps virus IgG, IgM	EI 2630-9601 G/M
Mumps virus AT IgG	EI 2630-9601-3 G
Mumps virus G5 IgM	EI 2630-9601-5 M
Mycoplasma pneumoniae IgA, IgG, IgM	EI 2202-9601 A/G/M
Parainfluenza virus 1-4 (Pool) IgA, IgG, IgM	EI 2721-9601-1 A/G/M
P Parvovirus B19 IgG, IgM	EI 2580-9601 G/M
Plasmodium IgG	EI 2260-9601 G
R Respiratory syncytial virus (RSV) IgA, IgG, IgM	EI 2670-9601 A/G/M
Rubella virus IgG, IgM	EI 2590-9601 G/M

Rubella virus glycoprotein IgM	EI 2590-9601-2 M
S SARS-CoV-2 IgA, IgG	EI 2606-9601 A / G EI 2606-9620 A / G NEW!
SARS-CoV-2 NCP, IgG	EI 2606-9601-2 G / M EI 2606-9620-2 G NEW!
Schistosoma IgG, IgM	EI 2300-9601 G / M
Strongyloides IgG	EI 2290-9601 G
T TBE virus IgG, IgM	EI 2661-9601 G / M
TBE virus "Vienna" IgG	EI 2661-9601-9 G
Tetanus toxoid IgG	EI 2060-9601 G
Toscana virus IgG	EI 277c-9601 G
Toxocara canis IgG	EI 2311-9601 G
Toxoplasma gondii IgA, IgG, IgM	EI 2410-9601 A / G / M
Toxoplasma gondii IgAGM	EI 2410-9601 P
Treponema pallidum IgG, IgM	EI 2111-9601 G / M
Treponema pallidum IgGM	EI 2111-9601 O
Trypanosoma cruzi IgG	EI 2212-9601 G
U Usutu virus IgG	EI 2667-9601 G
V Varicella zoster virus (VZV) IgA, IgG, IgM	EI 2650-9601 A / G / M
Varicella zoster virus (VZV) glycoprotein IgM	EI 2650-9601-2 M
W West Nile virus (WNV) IgG, IgM	EI 2662-9601 G / M
Y Yersinia enterocolitica IgA, IgG	EI 2173-9601 A / G
Z Zika virus IgA, IgG, IgM	EI 2668-9601 A / G / M
Zika virus IgAM	EI 2668-9601 Q

ELISA avidity determination

Antibodies against	Order no.
Cytomegalovirus (CMV) IgG	EI 2570-9601-1 G
EBV-CA IgG	EI 2791-9601-1 G
Measles virus IgG	EI 2610-9601-1 G
Rubella virus IgG	EI 2590-9601-1 G
TBE virus IgG	EI 2661-9601-1 G
Toxoplasma gondii IgG	EI 2410-9601-1 G
Varicella zoster virus (VZV) IgG	EI 2650-9601-1 G
West Nile virus (WNV) IgG	EI 2662-9601-1 G

ELISA antigen detection

Antigen	Order no.
Aspergillus	EQ 6911-9601
CXCL13	EQ 6811-9601-L
Dengue NS1	EQ 266a-9601-1

ELISA CSF diagnostics

Antibodies against	Order no.
Borrelia	EI 2132-9601-L M
Borrelia PLUS VlsE	EI 2132-9601-L G
Cytomegalovirus (CMV)	EI 2570-9601-L G
EBV-CA	EI 2791-9601-L G
Herpes simplex virus (HSV-1/2)	EI 2531-9601-1 L G
Measles virus	EI 2610-9601-L G
Mumps virus	EI 2630-9601-L G
Rubella virus	EI 2590-9601-L G
TBE virus	EI 2661-9601-L G / M
Toxoplasma gondii	EI 2410-9601-L G
Treponema pallidum	EI 2111-9601-L G
Varicella zoster virus (VZV)	EI 2650-9601-L A / G