



SERION ELISA *classic*
SERION ELISA *antigen*
SERION ELISA *agile*

Test Specifications

SERION ELISA *classic*

Product	Order No.	Sample	Dilution	Units	Measurement Range	Borderline Range
Adenovirus IgA	ESR128A	Serum/Plasma	1+500	U/ml	5-300	8-10 (Child); 11-14 (Adult)
Adenovirus IgG	ESR128G ²	Serum/Plasma/CSF	1+2000	U/ml	1-180	8-10 (Child); 10-13 (Adult)
Adenovirus IgM	ESR128M	Serum/Plasma	1+100		qualitative	OD C/O +/- 10%
Aspergillus fumigatus IgA	ESR132A	Serum/Plasma	1+100	U/ml	30-1000	50-70
Aspergillus fumigatus IgG	ESR132G	Serum/Plasma	1+500	U/ml	30-1000	50-70
Aspergillus fumigatus IgM	ESR132M	Serum/Plasma	1+500	U/ml	30-1000	50-70
Bordetella pertussis IgA	ESR120A	Serum/Plasma	1+100	IU/ml	2-200	25-40
Bordetella pertussis IgG	ESR120G	Serum/Plasma	1+100	IU/ml	10-1000	40-50
Bordetella pertussis IgM	ESR120M	Serum/Plasma	1+100	U/ml	5-50	9-14
Bordetella pertussis Toxin IgA	ESR1201A	Serum/Plasma	1+100	IU/ml	10-300	15-20
Bordetella pertussis Toxin IgG	ESR1201G	Serum/Plasma	1+100	IU/ml	5-600	40-100
Borrelia burgdorferi IgG	ESR121G ²	Serum/Plasma/CSF	1+100 ⁴	U/ml	1-100	3-5
Borrelia burgdorferi IgM	ESR121M ²	Serum/Plasma/CSF	1+100 ⁴	U/ml	1-60	3-5
Brucella IgA	ESR116A	Serum/Plasma	1+100	U/ml	5-100	10-15
Brucella IgG	ESR116G	Serum/Plasma	1+100	U/ml	5-500	20-30
Brucella IgM	ESR116M	Serum/Plasma	1+100	U/ml	5-100	15-20
Campylobacter jejuni IgA	ESR139A	Serum/Plasma	1+1000	U/ml	5-1000	20-25
Campylobacter jejuni IgG	ESR139G	Serum/Plasma	1+1000	U/ml	2-500	20-30
Campylobacter jejuni IgM	ESR139M	Serum/Plasma	1+1000	U/ml	20-2000	40-60
Candida albicans IgA	ESR117A	Serum/Plasma	1+1000	U/ml	10-225	60-80
Candida albicans IgG	ESR117G	Serum/Plasma	1+1000	U/ml	5-450	40-100
Candida albicans IgM	ESR117M	Serum/Plasma	1+100	U/ml	5-500	60-80
Chikungunya Virus IgG	ESR148G	Serum/Plasma	1+500	U/ml	5-190	10-15
Chikungunya Virus IgM	ESR148M	Serum/Plasma	1+100	U/ml	5-400	10-15
Chlamydia IgA	ESR137A	Serum/Plasma	1+100	U/ml	5-200	10-15
Chlamydia IgG	ESR137G	Serum/Plasma	1+100	U/ml	5-800	10-15
Chlamydia pneumoniae IgA	ESR1371A	Serum/Plasma	1+500	U/ml	4-150	10-13
Chlamydia pneumoniae IgG	ESR1371G	Serum/Plasma	1+500	U/ml	4-200	10-12
Chlamydia pneumoniae IgM	ESR1371M	Serum/Plasma	1+100	U/ml	3-200	10-15
Chlamydia trachomatis IgA	ESR1372A	Serum/Plasma	1+100	U/ml	5-150	9-16
Chlamydia trachomatis IgG	ESR1372G	Serum/Plasma	1+100	U/ml	4-250	10-15
Chlamydia trachomatis IgM	ESR1372M	Serum/Plasma	1+100	U/ml	5-180	10-14

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² Validated for CSF diagnostics ³ Special dilution buffer DILBS1 ⁴ Special dilution buffer DILBS2 ⁵ Special dilution buffer DILBS4

Product	Order No.	Sample	Dilution	Units	Measurement Range	Borderline Range
Coxiella burnetii Phase 1 IgA	ESR1311A	Serum/Plasma	1+100		qualitative	OD C/O +/- 10%
Coxiella burnetii Phase 1 IgG	ESR1311G	Serum/Plasma	1+100		qualitative	OD C/O +/- 10%
Coxiella burnetii Phase 2 IgG	ESR1312G	Serum/Plasma	1+500	U/ml	5-500	20-30
Coxiella burnetii Phase 2 IgM	ESR1312M	Serum/Plasma	1+100		qualitative	OD C/O +/- 10%
Coxsackievirus IgA	ESR134A	Serum/Plasma	1+100	U/ml	4-150	10-15
Coxsackievirus IgG	ESR134G	Serum/Plasma	1+500	U/ml	5-300	11-15
Coxsackievirus IgM	ESR134M	Serum/Plasma	1+100	U/ml	5-250	10-15
Cytomegalovirus IgG	ESR109G ^{1,2}	Serum/Plasma/CSF	1+100	PEI-U/ml	10-2000	25-40
Cytomegalovirus IgM	ESR109M	Serum/Plasma	1+100	U/ml	5-600	10-15
Dengue Virus IgG	ESR114G	Serum/Plasma	1+100	U/ml	5-600	10-15
Dengue Virus IgM	ESR114M	Serum/Plasma	1+100	U/ml	5-200	10-15
Dengue Virus superior IgM	ESR1141M ⁵	Serum/Plasma	1+100	U/ml	5-350	10-14
Diphtheria IgG	ESR130G	Serum/Plasma	1+100	IU/ml	0.05-2.0	
Echinococcus IgG	ESR107G	Serum/Plasma	1+100	U/ml	5-500	10-15
Echovirus IgA	ESR135A	Serum/Plasma	1+100	U/ml	4-150	10-15
Echovirus IgG	ESR135G	Serum/Plasma	1+500	U/ml	5-300	11-15
Echovirus IgM	ESR135M	Serum/Plasma	1+100	U/ml	5-250	10-15
Enterovirus IgA	ESR133A	Serum/Plasma	1+100	U/ml	4-150	10-15
Enterovirus IgG	ESR133G ²	Serum/Plasma/CSF	1+500	U/ml	5-300	11-15
Enterovirus IgM	ESR133M	Serum/Plasma	1+100	U/ml	5-250	10-15
Epstein-Barr Virus VCA IgG	ESR1361G ²	Serum/Plasma/CSF	1+100	U/ml	4-200	10-15
Epstein-Barr Virus VCA IgM	ESR1361M	Serum/Plasma	1+100	U/ml	4-200	9-13
Epstein-Barr Virus EBNA1 IgG	ESR1362G ²	Serum/Plasma/CSF	1+100	U/ml	1-200	2.5-3.0
Epstein-Barr Virus EA IgG	ESR1363G	Serum/Plasma	1+100 ³	U/ml	2-400	10-15
Francisella tularensis IgG	ESR142G	Serum/Plasma	1+100	U/ml	3-300	10-15
Francisella tularensis IgM	ESR142M	Serum/Plasma	1+100	U/ml	4-400	10-15
FSME/TBE Virus IgG	ESR112G ²	Serum/Plasma/CSF	1+100	U/ml	30-3000	100-150
FSME/TBE Virus IgM	ESR112M ²	Serum/Plasma/CSF	1+100	U/ml	5-150	10-15
Helicobacter pylori IgA	ESR118A	Serum/Plasma	1+100	U/ml	10-200	20-30
Helicobacter pylori IgG	ESR118G	Serum/Plasma	1+100	U/ml	5-500	35-50
Helicobacter pylori IgM	ESR118M	Serum/Plasma	1+100	U/ml	10-300	20-30
Herpes Simplex Virus 1/2 IgA	ESR105A ²	Serum/Plasma/CSF	1+100	U/ml	10-500	20-30
Herpes Simplex Virus 1/2 IgG	ESR105G ²	Serum/Plasma/CSF	1+100	U/ml	10-1000	20-30
Herpes Simplex Virus 1/2 IgM	ESR105M	Serum/Plasma	1+100	U/ml	10-500	20-30
Herpes Simplex Virus 1 IgG	ESR1051G ²	Serum/Plasma/CSF	1+100	U/ml	10-1000	20-30
Herpes Simplex Virus 1 IgM	ESR1051M	Serum/Plasma	1+100	U/ml	10-500	20-30
Herpes Simplex Virus 2 IgG	ESR1052G ²	Serum/Plasma/CSF	1+100	U/ml	10-1000	20-30
Herpes Simplex Virus 2 IgM	ESR1052M	Serum/Plasma	1+100	U/ml	10-500	20-30

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Product	Order No.	Sample	Dilution	Units	Measurement Range	Borderline Range
Influenza A Virus IgA	ESR1231A	Serum/Plasma	1+500	U/ml	2-200	6-9 (Child); 10-15 (Adult)
Influenza A Virus IgG	ESR1231G ²	Serum/Plasma/CSF	1+2000	U/ml	2-200	4-7 (Child); 10-15 (Adult)
Influenza A Virus IgM	ESR1231M	Serum/Plasma	1+500	U/ml	5-100	10-15
Influenza B Virus IgA	ESR1232A	Serum/Plasma	1+500	U/ml	2-200	4-7 (Child), 10-15 (Adult)
Influenza B Virus IgG	ESR1232G ²	Serum/Plasma/CSF	1+2000	U/ml	2-200	4-7 (Child); 10-15 (Adult)
Influenza B Virus IgM	ESR1232M	Serum/Plasma	1+500	U/ml	5-130	10-15
Legionella pneumophila 1-7 IgG	ESR106G	Serum/Plasma	1+100	U/ml	10-500	50-70
Legionella pneumophila 1-7 IgM	ESR106M	Serum/Plasma	1+100	U/ml	10-500	120-140
Leishmania IgG	ESR147G	Serum/Plasma	1+100	U/ml	4-800	10-15
Leptospira IgG	ESR125G	Serum/Plasma	1+100	U/ml	2-100	10-15
Leptospira IgM	ESR125M	Serum/Plasma	1+100	U/ml	3-100	15-20
Masern/Measles Virus IgG	ESR102G ²	Serum/Plasma/CSF	1+100	mIU/ml	50-5000	150-200
Masern/Measles Virus IgM	ESR102M	Serum/Plasma	1+100	U/ml	5-800	10-15
Mumps Virus IgG	ESR103G ²	Serum/Plasma/CSF	1+100	U/ml	30-2000	70-100
Mumps Virus IgM	ESR103M	Serum/Plasma	1+100	U/ml	5-600	10-15
Mycoplasma pneumoniae IgA	ESR127A	Serum/Plasma	1+100	U/ml	2-150	10-14
Mycoplasma pneumoniae IgG	ESR127G	Serum/Plasma	1+100	U/ml	3-200	10-15 (Child); 20-30 (Adult)
Mycoplasma pneumoniae IgM	ESR127M	Serum/Plasma	1+100	U/ml	5-150	13-17
Parainfluenza Virus IgA	ESR126A	Serum/Plasma	1+500	U/ml	5-200	10-15
Parainfluenza Virus IgG	ESR126G	Serum/Plasma	1+2000	U/ml	5-1000	10-15
Parvovirus B19 IgG	ESR122G	Serum/Plasma	1+100	IU/ml	1.5-150	3-5
Parvovirus B19 IgM	ESR122M	Serum/Plasma	1+100	U/ml	5-300	10-15
Respiratory Syncytial Virus IgA	ESR113A	Serum/Plasma	1+500	U/ml	5-200	10-15
Respiratory Syncytial Virus IgG	ESR113G	Serum/Plasma	1+2000	U/ml	2-200	10-15
Respiratory Syncytial Virus IgM	ESR113M	Serum/Plasma	1+100		qualitative	OD C/O +/-10 %
Röteln/Rubella Virus IgG	ESR129G ^{1,2}	Serum/Plasma/CSF	1+100	IU/ml	2-500	10-20
Röteln/Rubella Virus IgM	ESR129M	Serum/Plasma	1+100	U/ml	2-120	2.5-3.5
Tetanus IgG	ESR108G	Serum/Plasma	1+100	IU/ml	0.05-5.0	
Toxoplasma gondii IgG	ESR110G ^{1,2}	Serum/Plasma/CSF	1+100	IU/ml	5-500	10-20
Toxoplasma gondii IgM	ESR110M	Serum/Plasma	1+100	U/ml	100-5000	300-350/450-540
Varicella Zoster Virus IgA	ESR104A ²	Serum/Plasma/CSF	1+100	U/ml	5-1000	35-50
Varicella Zoster Virus IgG	ESR104G ²	Serum/Plasma/CSF	1+100	mIU/ml	15-2000	50-100
Varicella Zoster Virus IgM	ESR104M	Serum/Plasma	1+100	U/ml	5-200	10-15
West Nile Virus IgG	ESR141G	Serum/Plasma	1+100	U/ml	5-200	11-15
West Nile Virus IgM	ESR141M	Serum/Plasma	1+100		qualitative	OD C/O +/-10%

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Product	Order No.	Sample	Dilution	Units	Measurement Range	Borderline Range
Yersinia IgA	ESR138A	Serum/Plasma	1+100	U/ml	5-100	10-15
Yersinia IgG	ESR138G	Serum/Plasma	1:20	U/ml	5-500	10-15
Yersinia IgM	ESR138M	Serum/Plasma	1+100	U/ml	5-100	10-15
Zika Virus IgA	ESR149A	Serum/Plasma	1+500	U/ml	5-250	10-14
Zika Virus IgG	ESR149G	Serum/Plasma	1+500	U/ml	4-500	10-15
Zika Virus IgM	ESR149M	Serum/Plasma	1+200	U/ml	6-600	10-14

SERION ELISA *antigen*

Product	Order No.	Sample	Dilution	Units	Measurement Range	Borderline Range
<i>Candida antigen</i>	ESR200	Serum/Plasma	3+1	U/ml	0.7-50	1.4-2.6

SERION ELISA *agile*

Product	Order No.	Sample	Dilution	Units	Measurement Range	Borderline Range
SARS-CoV-2 IgA	ESR400A	Serum/Plasma	1+100	U/ml	5-250	10-14
SARS-CoV-2 IgG	ESR400G ²	Serum/Plasma/CSF	1+100	U/ml (BAU/ml) ⁶	3-250	10-15
SARS-CoV-2 IgM	ESR400M	Serum/Plasma	1+50		qualitative	OD C/0 +/-10%

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Institut Virion\Serion GmbH

Friedrich-Bergius-Ring 19
97076 Würzburg, Germany
Phone +49 931 30 45 0
Fax +49 931 30 45 100
info@serion-diagnostics.de
www.serion-diagnostics.de