



# Test systems for infection diagnostics



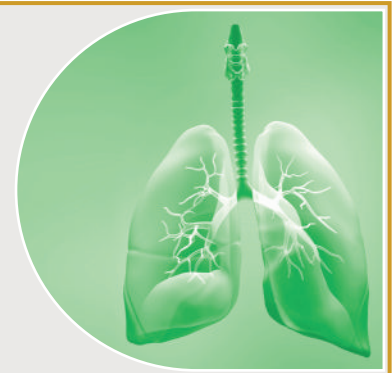
**Emerging  
diseases**



**Childhood  
diseases**



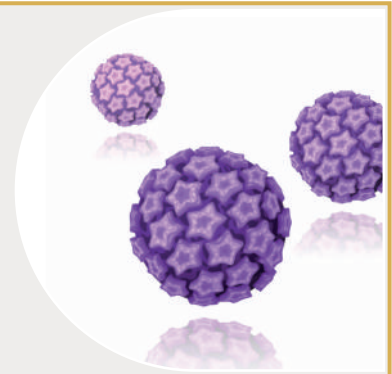
**Gastro-  
intestinal  
infections**



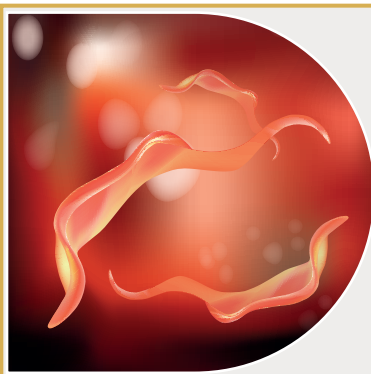
**Respiratory  
infections**



**Tick-borne  
diseases**



**Sexually  
transmitted  
infections**



**Parasitic  
infections**



**Pregnancy-  
relevant  
infections**



## Direct detection of infectious agents

Pathogen	Antigen ELISA	PCR	Microarray
Adenovirus, species A–G		■*	■ <sup>3</sup>
<i>Aspergillus</i>	■	■*	
BK polyomavirus		■*	
Bocavirus, types 1–4			■ <sup>3</sup>
<i>Bordetella pertussis/parapertussis</i>		■*	
<i>Borrelia</i>		■*	
<i>Chlamydia pneumoniae</i>		■*	
<i>Chlamydia trachomatis</i>		■*	■ <sup>4</sup>
Coronavirus (229E, NL63, HKU-1, OC43)			■ <sup>3</sup>
Cytomegalovirus (CMV)		■*	
Dengue virus NS1	■		
Dermatophytes (n = 23) <sup>1</sup> and yeast/moulds (n = 6) <sup>2</sup>			■
Epstein-Barr virus (EBV)		■*	
<i>Gardnerella vaginalis</i>		■*	
<i>Haemophilus ducreyi</i>			■ <sup>4</sup>
Hepatitis B virus (HBV)		■*	
Hepatitis C virus (HCV)		■*	
Herpes simplex virus (HSV-1/2)		■ <sup>(*)</sup>	■ <sup>4,5</sup>
Human enterovirus/rhinovirus		■*	■ <sup>3</sup>
Human herpesvirus, types 6/7 (HSV-6/7)		■*	
Human herpesvirus, type 8 (HHV-8)		■*	
Human immunodeficiency virus (HIV)		■*	
Human papillomavirus (HPV)		■*	■
Influenza virus, types A and B		■ <sup>(*)</sup>	■ <sup>3</sup>
JC polyomavirus		■*	
<i>Legionella pneumophila</i>		■*	
Metapneumovirus			■ <sup>3</sup>
<i>Mycobacterium tuberculosis</i>		■ <sup>(*)</sup>	
<i>Mycoplasma genitalium</i>		■*	■ <sup>4</sup>
<i>Mycoplasma hominis</i>		■*	■ <sup>4</sup>
<i>Mycoplasma pneumoniae</i>		■*	
<i>Neisseria gonorrhoeae</i>		■*	■ <sup>4</sup>
Parainfluenza virus, types 1–4			■ <sup>3</sup>
Parechovirus			■ <sup>3</sup>
Parvovirus B19		■*	
Respiratory syncytial viruses, types A and B (RSV)		■ <sup>(*)</sup>	■ <sup>3</sup>
SARS coronavirus 2 (SARS-CoV-2)		■ <sup>(*)</sup>	■ <sup>3</sup>
<i>Treponema pallidum</i>		■*	■ <sup>4</sup>
<i>Trichomonas vaginalis</i>		■*	■ <sup>4</sup>
<i>Ureaplasma parvum</i>		■*	■ <sup>4</sup>
<i>Ureaplasma urealyticum</i>		■*	■ <sup>4</sup>
Varicella zoster virus (VZV)		■*	■ <sup>5</sup>

\* manufactured by GeneProof; <sup>(\*)</sup> manufactured by EUROIMMUN or GeneProof

<sup>1</sup>anthropophilic: *T. tonsurans*, *T. interdigitale*, *T. schoenleinii*, *T. concentricum*, *T. rubrum*, *T. violaceum*, *E. floccosum*, *M. ferrugineum*, *M. audouinii*; zoophilic: *T. equinum*, *T. mentagrophytes*, *T. simii*, *T. quinckeanum*, *T. erinacei*, *T. bullosum*, *T. benhamiae*, *T. verrucosum*, *T. eriotrephon*, *M. canis*, *N. persicolor*; geophilic: *N. fulva*, *N. gypsea*, *N. incurvata*; <sup>2</sup>*C. albicans*, *C. guilliermondii*, *C. parapsilosis*, *F. oxysporum*, *F. solani*, *Sc. brevicaulis*; <sup>3</sup>included in the EUROArray PneuVir (multiplex test); <sup>4</sup>included in the EUROArray STI products (multiplex test); <sup>5</sup>included in the EUROArray HSV 1/2 VZV (multiplex test)



## Detection of antibodies against infectious agents

Pathogen	ELISA	Blot	IIFT	ChLIA
Adenovirus	■			
<i>Bartonella</i>			■	
<i>Bordetella</i> FHA	■	■		
<i>Bordetella pertussis</i> toxin	■	■		
<i>Borrelia</i>	■ <sup>6</sup>	■ <sup>6</sup>	■	■ <sup>(**)</sup>
<i>Brucella abortus</i>	■			
<i>Campylobacter jejuni</i>	■			
Chikungunya virus	■		■	
<i>Chlamydia pneumoniae</i>	■		■	
<i>Chlamydia psittaci</i>			■	
<i>Chlamydia trachomatis</i>	■		■	
<i>Coxiella burnetii</i> , phase 1	■			
<i>Coxiella burnetii</i> , phase 2	■			
Coxsackievirus			■	
Crimean Congo fever virus	■			
Cytomegalovirus (CMV)	■ <sup>6,7</sup>	■		■ <sup>**</sup>
Dengue virus	■		■	
Diphtheria toxoid	■			
<i>Echinococcus</i>	■	■		
Enterovirus	■			
Epstein-Barr virus (EBV)	■ <sup>6,7</sup>	■	■ <sup>7</sup>	■ <sup>(**)</sup>
Hantavirus	■	■	■	
<i>Helicobacter pylori</i>	■	■		
Hepatitis E virus (HEV)	■	■		
Herpes simplex virus, type 1 (HSV-1)	■	■		■ <sup>(**)</sup>
Herpes simplex virus, type 2 (HSV-2)	■	■		■ <sup>(**)</sup>
Herpes simplex virus (HSV-1/2)	■ <sup>6</sup>	■		■ <sup>**</sup>
Human herpesvirus 6 (HHV-6)			■	
Influenza virus, type A	■			
Influenza virus, type B	■			
Japanese encephalitis virus	■		■	
<i>Legionella pneumophila</i>	■		■	
<i>Leishmania donovani</i>			■	
<i>Listeria monocytogenes</i>			■	
Mayaro virus	■			
Measles virus	■ <sup>6,7</sup>			■ <sup>**</sup>
MERS coronavirus (MERS-CoV)	■			
Mumps virus	■ <sup>6</sup>			■ <sup>**</sup>
<i>Mycoplasma hominis</i>			■	
<i>Mycoplasma pneumoniae</i>	■			
Parainfluenza virus, types 1–4	■			
Parvovirus B19	■	■		■ <sup>**</sup>

\*\* manufactured by Technogenetics; (\*\*\*) manufactured by EUROIMMUN or Technogenetics

<sup>6</sup>also CSF diagnostics; <sup>7</sup>also avidity determination



Pathogen	ELISA	Blot	IIFT	ChLIA
<i>Plasmodium</i>	■			
Respiratory syncytial virus (RSV)	■			
Rubella virus	■ <sup>6,7</sup>			■ <sup>**</sup>
Sandfly fever virus	■ <sup>8</sup>		■	
SARS coronavirus 2 (SARS-CoV-2)	■			■
<i>Schistosoma</i>	■		■	
<i>Strongyloides</i>	■			
TBE virus	■ <sup>6</sup>		■	
Tetanus toxoid	■			■ <sup>**</sup>
<i>Toxocara canis</i>	■	■		
<i>Toxoplasma gondii</i>	■ <sup>6,7</sup>		■	■ <sup>**</sup>
<i>Treponema pallidum</i>	■ <sup>6</sup>	■	■	
<i>Trypanosoma cruzi</i>	■			
<i>Ureaplasma urealyticum</i>			■	
Usutu virus	■			
Varicella zoster virus (VZV)	■ <sup>6,7</sup>		■	■ <sup>**</sup>
West Nile virus	■ <sup>7</sup>		■	
Yellow fever virus			■	
<i>Yersinia enterocolitica</i>	■	■		
Zika virus	■		■	

<sup>\*\*</sup>manufactured by Technogenetics; <sup>(\*\*)</sup>manufactured by EUROIMMUN or Technogenetics

<sup>6</sup>also CSF diagnostics; <sup>7</sup>also avidity determination; <sup>8</sup>only Toscana virus available



## Detection of other markers

Detection of	Antigen ELISA
CXCL13	■

Find out more at [www.euroimmun.com](http://www.euroimmun.com)  
or contact us directly at [infection-pm@euroimmun.de](mailto:infection-pm@euroimmun.de)



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