UK National External Quality Assessment Service for Microbiology

Quality Assurance Laboratory

Health Protection Agency Centre for Infections, 61 Colindale Avenue, London NW9 5HT.

Tel: +44 (0)20 8905 9890 Fax: +44 (0)20 8205 1488 E-mail: organiser@ukneqasmicro.org.uk web: http://www.ukneqasmicro.org.uk

This document is to certify that

Central Laboratory

Erciyes Universitesi

Kayseri - TR 38039

is registered in the following schemes of the UK NEQAS for Microbiology for the period April 2006 to March 2007:

UK NEQAS for Hepatitis B serology

UK NEQAS for Hepatitis C serology

UK NEQAS for HIV serology

Issuing Officer: Dr Vivienne L A James

On behalf of the

Quality Assurance Laboratory

Issue Date: **June 06**

UK NEQAS for Microbiology

CPA Accredited

Clinical Pathology Accreditation (UK) Ltd.

cap

The College of American Pathologists recognizes

Erciyes Univ Hastanesi

Eliza Lab
75208-74-01

For participation in the Surveys and Anatomic Pathology Education Program

Stanley J. Robboy, MD, FCAP
CAP President

2011
Surveys, EXCEL® and Anatomic Pathology Education Programs

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment QV 1632-120424, May 2012,
"Autoantibodies against phospholipids"

Prof. Dr. Gokahmetoglu, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig-class	Test system	Manufacturer
IgG	Anti-Cardiolipin ELISA (IgG)	EUROIMMUN

Ig-class	Test system	Manufacturer
IgM	Anti-Cardiolipin ELISA (IgM)	EUROIMMUN

This document is only valid in combination with the associated Quality Assessment Report.

Date of evaluation: May 22, 2012

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment QV 1505-120424, May 2012,
"Antibodies against CCP"

Prof. Dr. Gokahmetoglu, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig-class	Test system	Manufacturer
IgG	Antibodies against CCP	EUROIMMUN

This document is only valid in combination with the associated Quality Assessment Report.

Date of evaluation: May 22, 2012

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment QV 2531-120320, March 2012,
"Antibodies against Herpes simplex Virus"

Prof. Dr. Gokahmetoglu, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig-class	Test system	Manufacturer
IgG	Anti-HSV-1 ELISA (IgG)	EUROIMMUN
IgG	Anti-HSV-2 ELISA (IgG)	EUROIMMUN

Ig-class	Test system	Manufacturer
IgM	Anti-HSV-1 ELISA (IgM)	EUROIMMUN
IgM	Anti-HSV-2 ELISA (IgM)	EUROIMMUN

This document is only valid in combination with the associated Quality Assessment Report.

Date of evaluation: Apr 17, 2012

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment QV 2580-120320, March 2012,
"Antibodies against Parvovirus B19"

Prof. Dr. Gokahmetoglu, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig-class	Test system	Manufacturer
IgG	Anti-Parvovirus-B19 ELISA (IgG)	EUROIMMUN

Ig-class	Test system	Manufacturer
IgM	Anti-Parvovirus-B19 ELISA (IgM)	EUROIMMUN

This document is only valid in combination with the associated Quality Assessment Report.

Date of evaluation: Apr 17, 2012

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment QV 1913-120424, May 2012,
"Antibodies against tissue transglutaminase (tTG, endomysium) and gliadin"

Prof. Dr. Gokahmetoglu, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig-class	Test system	Manufacturer
IgA	Anti-tissue Transglutaminase-ELISA (IgA)	EUROIMMUN
IgA	Anti-Endomysium IFA (IgA)	EUROIMMUN
IgA	Anti-Gliadin (GAF-3X) ELISA (IgA)	EUROIMMUN

Ig-class	Test system	Manufacturer
IgG	Anti-Gliadin (GAF-3X) ELISA (IgG)	EUROIMMUN

Serological diagnosis

This document is only valid in combination with the associated Quality Assessment Report.

Date of evaluation: May 22, 2012

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment QV 1510-120320, March 2012,
"Autoantibodies against cell nuclei"

Prof. Dr. Gokahmetoglu, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig-class	Test system	Manufacturer
IgG	Antibodies against cell nuclei (IgG)	EUROIMMUN
IgG	Anti-Centromeres EUROLINE	EUROIMMUN
IgG	Anti-Jo-1 EUROLINE	EUROIMMUN
IgG	Anti-SS-A EUROLINE	EUROIMMUN
IgG	Anti-Nucleosomes EUROLINE	EUROIMMUN
IgG	Anti-dsDNS EUROLINE	EUROIMMUN
IgG	Anti-RNP/Sm EUROLINE	EUROIMMUN
IgG	Anti-PM-Scl EUROLINE	EUROIMMUN
IgG	Anti-Scl-70 EUROLINE	EUROIMMUN
IgG	Anti-Sm EUROLINE	EUROIMMUN
IgG	Anti-SS-B EUROLINE	EUROIMMUN
IgG	Crithidia lucilia (dsDNA)	EUROIMMUN
IgG	Anti-dsDNA-NcX ELISA	EUROIMMUN

This document is only valid in combination with the associated Quality Assessment Report.

Date of evaluation: Apr 17, 2012

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment QV 1200-120424, May 2012,
"Autoantibodies against granulocytes "

Prof. Dr. Gokahmetoglu, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig-class	Test system	Manufacturer
IgG	Anti-MPO-ELISA	EUROIMMUN
IgG	Anti-PR3-hn-hr-ELISA	EUROIMMUN
IgG	ANCA IFA	EUROIMMUN
IgG	ANCA Profile-ELISA	EUROIMMUN

This document is only valid in combination with the associated Quality Assessment Report.

Date of evaluation: May 22, 2012

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

The College of American Pathologists recognizes

Erciyes Univ Hastanesi

Seroloji Laboratuvari
75208-74-01

For participation in the Surveys and Anatomic Pathology Education Program

Stanley J. Robboy, MD, FCAP
CAP President

2013
Surveys, EXCEL® and Anatomic Pathology Education Programs

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 2790-140325, April 2014
"Antibodies against Epstein-Barr-Virus"

Prof. Dr. Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgG	Anti-EBNA-1 ELISA (IgG)	anti-EBNA-1	EUROIMMUN
IgG	Anti-EBV-CA ELISA (Avidity)	anti-EBV-CA (Avidity)	EUROIMMUN
IgG	Anti-EBV-CA ELISA (IgG)	anti-EBV-CA	EUROIMMUN
IgM	Anti-EBV-CA ELISA (IgM)	anti-EBV-CA	EUROIMMUN

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: May 26, 2014

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 1632-141014, October 2014
"Autoantibodies against phospholipids"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgG	Anti-Cardiolipin ELISA (IgG)	anti-Cardiolipin	EUROIMMUN
IgG	Anti-ß2-Glycoprotein ELISA (IgG)	anti-ß2-glycoprotein	EUROIMMUN
IgM	Anti-Cardiolipin ELISA (IgM)	anti-Cardiolipin	EUROIMMUN
IgM	Anti-ß2-Glycoprotein ELISA (IgM)	anti-ß2-glycoprotein	EUROIMMUN

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 21, 2014

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 1913-141014, October 2014
"Antibodies against tissue transglutaminase (tTG, endomysium) and gliadin"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgA	Anti-Endomysium IFA (IgA)	anti-Endomysium	EUROIMMUN
IgA	Anti-Gliadin (GAF-3X) ELISA (IgA)	anti-Gliadin (deamidated peptides)	EUROIMMUN
IgA	Anti-tissue Transglutaminase-ELISA (IgA)	anti-tissue Transglutaminase	EUROIMMUN
IgG	Anti-Gliadin (GAF-3X) ELISA (IgG)	anti-Gliadin (deamidated peptides)	EUROIMMUN

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 21, 2014

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 1200-141014, October 2014
"Autoantibodies against granulocytes "

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgG	ANCA Profile-ELISA	anti-PR3	EUROIMMUN
IgG	ANCA Profile-ELISA	anti-MPO	EUROIMMUN
IgG	Anti-MPO-ELISA	anti-MPO	EUROIMMUN
IgG	Anti-PR3-hn-hr-ELISA	anti-PR3	EUROIMMUN
IgG	Ethanol-fixed granulocytes	cANCA, pANCA	EUROIMMUN

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Dec 3, 2014

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 2790-140916, September 2014
"Antibodies against Epstein-Barr-Virus"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgG	Anti-EBNA-1 ELISA (IgG)	anti-EBNA-1	EUROIMMUN
IgG	Anti-EBV-CA ELISA (Avidity)	anti-EBV-CA (Avidity)	EUROIMMUN
IgG	Anti-EBV-CA ELISA (IgG)	anti-EBV-CA	EUROIMMUN
IgM	Anti-EBV-CA ELISA (IgM)	anti-EBV-CA	EUROIMMUN

Serological diagnosis

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 13, 2014

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 1510-140916, September 2014
"Autoantibodies against cell nuclei"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgG	Anti-dsDNA-NcX ELISA	anti-dsDNA	EUROIMMUN
IgG	Anti-dsDNS EUROLINE	anti-dsDNA	EUROIMMUN
IgG	Anti-Jo-1 EUROLINE	anti-Jo-1	EUROIMMUN
IgG	Anti-Nucleosomes EUROLINE	anti-Nucleosomes	EUROIMMUN
IgG	Anti-PM-Scl EUROLINE	anti-PM-Scl	EUROIMMUN
IgG	Anti-Scl-70 EUROLINE	anti-Scl-70	EUROIMMUN
IgG	Anti-Sm EUROLINE	anti-Sm	EUROIMMUN
IgG	Crithidia lucilia (dsDNA)	anti-dsDNA	EUROIMMUN

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 14, 2014

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 1300-140916, September 2014
"Antibodies in autoimmune liver diseases"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgAGM	Antibodies against Liver-specific antigenes (IgAGM)	ASMA (Actin etc.)	EUROIMMUN
IgG	Anti-LKM-1 ELISA	anti-LKM-1	EUROIMMUN

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 13, 2014

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 2580-140916, September 2014
"Antibodies against Parvovirus B19"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgG	Anti-Parvovirus-B19 ELISA (IgG)	anti-Parvovirus B 19	EUROIMMUN
IgM	Anti-Parvovirus-B19 ELISA (IgM)	anti-Parvovirus B 19	EUROIMMUN

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 13, 2014

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment QV 1510-130910, September 2013,
"Autoantibodies against cell nuclei"

Prof. Dr. Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig-class	Test system	Manufacturer
IgG	Antibodies against cell nuclei (IgG)	EUROIMMUN
IgG	Anti-Centromeres EUROLINE	EUROIMMUN
IgG	Anti-Jo-1 EUROLINE	EUROIMMUN
IgG	Anti-SS-A EUROLINE	EUROIMMUN
IgG	Anti-Nucleosomes EUROLINE	EUROIMMUN
IgG	Anti-dsDNS EUROLINE	EUROIMMUN
IgG	Anti-RNP/Sm EUROLINE	EUROIMMUN
IgG	Anti-PM-Scl EUROLINE	EUROIMMUN
IgG	Anti-Scl-70 EUROLINE	EUROIMMUN
IgG	Anti-Sm EUROLINE	EUROIMMUN
IgG	Anti-SS-B EUROLINE	EUROIMMUN
IgG	Crithidia lucilia (dsDNA)	EUROIMMUN
IgG	Anti-dsDNA-NcX ELISA	EUROIMMUN

This document is only valid in combination with the associated Quality Assessment Report.

Date of evaluation: Oct 9, 2013

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment QV 2531-130910, September 2013,
"Antibodies against Herpes simplex Virus"

Prof. Dr. Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig-class	Test system	Manufacturer
IgG	Anti-HSV-1 ELISA (IgG)	EUROIMMUN
IgG	Anti-HSV-2 ELISA (IgG)	EUROIMMUN

Ig-class	Test system	Manufacturer
IgM	Anti-HSV-1 ELISA (IgM)	EUROIMMUN
IgM	Anti-HSV-2 ELISA (IgM)	EUROIMMUN

This document is only valid in combination with the associated Quality Assessment Report.

Date of evaluation: Oct 9, 2013

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 1510-140325, April 2014 "Autoantibodies against cell nuclei"

Prof. Dr. Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgG	Anti-Centromeres EUROLINE	anti-Centromeres	EUROIMMUN
IgG	Anti-dsDNA-NcX ELISA	anti-dsDNA	EUROIMMUN
IgG	Anti-dsDNS EUROLINE	anti-dsDNA	EUROIMMUN
IgG	Anti-Jo-1 EUROLINE	anti-Jo-1	EUROIMMUN
IgG	Anti-Nucleosomes EUROLINE	anti-Nucleosomes	EUROIMMUN
IgG	Anti-PM-Scl EUROLINE	anti-PM-Scl	EUROIMMUN
IgG	Anti-RNP/Sm EUROLINE	anti-nRNP/Sm	EUROIMMUN
IgG	Anti-Scl-70 EUROLINE	anti-Scl-70	EUROIMMUN
IgG	Anti-Sm EUROLINE	anti-Sm	EUROIMMUN
IgG	Anti-SS-A EUROLINE	anti-SS-A	EUROIMMUN
IgG	Anti-SS-B EUROLINE	anti-SS-B	EUROIMMUN
IgG	Antibodies against cell nuclei (IgG)	ANA IFA	EUROIMMUN
IgG	Crithidia lucilia (dsDNA)	anti-dsDNA	EUROIMMUN

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: May 23, 2014

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment QV 2580-130910, September 2013,
"Antibodies against Parvovirus B19"

Prof. Dr. Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig-class	Test system	Manufacturer
IgG	Anti-Parvovirus-B19 ELISA (IgG)	EUROIMMUN

Ig-class	Test system	Manufacturer
IgM	Anti-Parvovirus-B19 ELISA (IgM)	EUROIMMUN

This document is only valid in combination with the associated Quality Assessment Report.

Date of evaluation: Oct 9, 2013

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 1913-140513, May 2014 "Antibodies against tissue transglutaminase (tTG, endomysium) and gliadin"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgA	Anti-Endomysium IFA (IgA)	anti-Endomysium	EUROIMMUN
IgA	Anti-Gliadin (GAF-3X) ELISA (IgA)	anti-Gliadin (deamidated peptides)	EUROIMMUN
IgA	Anti-tissue Transglutaminase-ELISA (IgA)	anti-tissue Transglutaminase	EUROIMMUN
IgG	Anti-Gliadin (GAF-3X) ELISA (IgG)	anti-Gliadin (deamidated peptides)	EUROIMMUN

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Jun 26, 2014

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 1632-140513, May 2014 "Autoantibodies against phospholipids"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgG	Anti-Cardiolipin ELISA (IgG)	anti-Cardiolipin	EUROIMMUN
IgG	Anti-ß2-Glycoprotein ELISA (IgG)	anti-ß2-glycoprotein	EUROIMMUN
IgM	Anti-Cardiolipin ELISA (IgM)	anti-Cardiolipin	EUROIMMUN
IgM	Anti-ß2-Glycoprotein ELISA (IgM)	anti-ß2-glycoprotein	EUROIMMUN

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Jul 4, 2014

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 1200-140513, May 2014 "Autoantibodies against granulocytes "

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgG	ANCA Profile-ELISA	anti-PR3	EUROIMMUN
IgG	ANCA Profile-ELISA	anti-MPO	EUROIMMUN
IgG	Anti-MPO-ELISA	anti-MPO	EUROIMMUN
IgG	Anti-PR3-hn-hr-ELISA	anti-PR3	EUROIMMUN
IgG	Ethanol-fixed granulocytes	cANCA, pANCA	EUROIMMUN

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Jul 4, 2014

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 1300-140325, April 2014
"Antibodies in autoimmune liver diseases"

Prof. Dr. Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgAGM	Antibodies against Liver-specific antigenes (IgAGM)	ASMA (Actin etc.)	EUROIMMUN
IgAGM	Antibodies against Liver-specific antigenes (IgAGM)	AMA	EUROIMMUN
IgG	Anti-LKM-1 ELISA	anti-LKM-1	EUROIMMUN
IgG	Anti-M2-3E ELISA	anti-M2	EUROIMMUN

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: May 26, 2014

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Certificate

Quality Assessment RV 1200-070425, May 2007,
"Autoantibodies against granulocytes "

Prof. Dr. Koc, Erciyes Üniversitesi, Microbiology, has participated in above stated Quality Assessment of EUROIMMUN company and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Test system	Manufacturer
IgG	ANCA IFA	EUROIMMUN
IgG	Anti-MPO-ELISA	EUROIMMUN
IgG	Anti-Proteinase 3-ELISA	EUROIMMUN
IgG	ANCA Profile-ELISA	EUROIMMUN

Dr. Monika Probst
Quality Assessment Service Coordinator

Dr. Wolfgang Schlumberger
Director Immunobiochemical Diagnostics

Institut für Qualitätssicherung

Certificate

Quality Assessment RV 1632-070425, May 2007,
"Autoantibodies against phospholipids"

Prof. Dr. Koc, Erciyes Üniversitesi, Microbiology, has participated in above stated Quality Assessment of EUROIMMUN company and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Test system	Manufacturer
IgG	Anti-Cardiolipin ELISA (IgG)	EUROIMMUN

Ig class	Test system	Manufacturer
IgM	Anti-Cardiolipin ELISA (IgM)	EUROIMMUN

Dr. Monika Probst
Quality Assessment Service Coordinator

Dr. Wolfgang Schlumberger
Director Immunobiochemical Diagnostics

Institut für Qualitätssicherung

Certificate

Quality Assessment RV 1505-070425, May 2007,
"Antibodies against CCP"

Prof. Dr. Koc, Erciyes Üniversitesi, Microbiology, has participated in above stated Quality Assessment of EUROIMMUN company and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Test system	Manufacturer
IgG	Quanta Lite CCP	Inova Diagnostics

Dr. Monika Probst
Quality Assessment Service Coordinator

Dr. Wolfgang Schlumberger
Director Immunobiochemical Diagnostics

Institut für Qualitätssicherung

Confirmation of participation

Quality Assessment RV 2132-070425, May 2007,
"Antibodies against Borrelia burgdorferi sensu lato"

Prof. Dr. Koc, Erciyes Üniversitesi, Microbiology, has participated in above stated Quality Assessment of EUROIMMUN company and has **not fulfilled** the requirements for the following analytic parameters:*

Ig class	Test system	Manufacturer
IgG	Anti-Borrelia ELISA (IgG)	EUROIMMUN

* positive and borderline results should followed by a confirmation assay (MIQ 12/2180)

Dr. Monika Probst
Quality Assessment Service Coordinator

Dr. Wolfgang Schlumberger
Director Immunobiochemical Diagnostics

Institut für Qualitätssicherung

Certificate

Quality Assessment RV 2132-070425, May 2007,
"Antibodies against Borrelia burgdorferi sensu lato"

Prof. Dr. Koc, Erciyes Üniversitesi, Microbiology, has participated in above stated Quality Assessment of EUROIMMUN company and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Test system	Manufacturer
IgM	Anti-Borrelia ELISA (IgM)	EUROIMMUN

Dr. Monika Probst
Quality Assessment Service Coordinator

Dr. Wolfgang Schlumberger
Director Immunobiochemical Diagnostics

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 2132-150922, II/2015 "Antibodies against Borrelia burgdorferi sensu lato"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgG	Anti-Borrelia plus VlsE ELISA (IgG)	anti-Borrelia	EUROIMMUN
IgG	Antibodies against Borrelia EUROLINE-WB (IgG)	anti-Borrelia	EUROIMMUN
IgM	Anti-Borrelia ELISA (IgM)	anti-Borrelia	EUROIMMUN
IgM	Antibodies against Borrelia EUROLINE-WB (IgM)	anti-Borrelia	EUROIMMUN

Serological diagnosis

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 17, 2015

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 1510-150922, II/2015 "Autoantibodies against cell nuclei"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgG	ANA-Profile EUROLINE	anti-Centromeres	EUROIMMUN
IgG	ANA-Profile EUROLINE	anti-dsDNA	EUROIMMUN
IgG	ANA-Profile EUROLINE	anti-Jo-1	EUROIMMUN
IgG	ANA-Profile EUROLINE	anti-nRNP	EUROIMMUN
IgG	ANA-Profile EUROLINE	anti-nRNP/Sm	EUROIMMUN
IgG	ANA-Profile EUROLINE	anti-Nucleosomes	EUROIMMUN
IgG	ANA-Profile EUROLINE	anti-PM-Scl	EUROIMMUN
IgG	ANA-Profile EUROLINE	anti-Scl-70	EUROIMMUN
IgG	ANA-Profile EUROLINE	anti-Sm	EUROIMMUN
IgG	ANA-Profile EUROLINE	anti-SS-A	EUROIMMUN
IgG	ANA-Profile EUROLINE	anti-SS-B	EUROIMMUN
IgG	Anti-dsDNA-NcX ELISA	anti-dsDNA	EUROIMMUN
IgG	Antibodies against cell nuclei (IgG)	ANA IFA	EUROIMMUN
IgG	Crithidia lucilia (dsDNA)	anti-dsDNA	EUROIMMUN

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 17, 2015

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 2790-150922, II/2015 "Antibodies against Epstein-Barr-Virus"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgG	Anti-EBNA-1 ELISA (IgG)	anti-EBNA-1	EUROIMMUN
IgG	Anti-EBV-CA ELISA (Avidity)	anti-EBV-CA (Avidity)	EUROIMMUN
IgG	Anti-EBV-CA ELISA (IgG)	anti-EBV-CA	EUROIMMUN
IgM	Anti-EBV-CA ELISA (IgM)	anti-EBV-CA	EUROIMMUN

Serological diagnosis

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 17, 2015

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Confirmation of Participation

Quality Assessment Report QV 2790-150922, II/2015 "Antibodies against Epstein-Barr-Virus"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **not fulfilled** the requirements for the following analytic parameters or (if stated seperately) it is no certificate for this test system available in general.

Ig class	Name of assay	Parameter	Manufacturer
IgG	Anti-EBV-EA ELISA (IgG)*	Anti-EBV-EA	EUROIMMUN

* For this test system a certificate will not be issued.

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 17, 2015

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 2531-150922, II/2015 "Antibodies against Herpes simplex Virus"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgG	Anti-HSV-1 ELISA (IgG)	anti-HSV 1	EUROIMMUN
IgG	Anti-HSV-2 ELISA (IgG)	anti-HSV 2	EUROIMMUN
IgM	Anti-HSV-1 ELISA (IgM)	anti-HSV 1	EUROIMMUN
IgM	Anti-HSV-2 ELISA (IgM)	anti-HSV 2	EUROIMMUN

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 17, 2015

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 2580-150922, II/2015 "Antibodies against Parvovirus B19"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgG	Anti-Parvovirus-B19 ELISA (IgG)	anti-Parvovirus B 19	EUROIMMUN
IgM	Anti-Parvovirus-B19 ELISA (IgM)	anti-Parvovirus B 19	EUROIMMUN

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 17, 2015

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

Institut für Qualitätssicherung

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS
Deutsche
Akkreditierungsstelle
D-EP-13423-01-00

Certificate

Quality Assessment Report QV 1300-150922, II/2015 "Antibodies in autoimmune liver diseases"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Ig class	Name of assay	Parameter	Manufacturer
IgG	Anti-M2-3E ELISA	anti-M2	EUROIMMUN
IgG	Antibodies against Liver-specific antigenes	AMA	EUROIMMUN
IgG	Antibodies against Liver-specific antigenes	anti-LKM-1	EUROIMMUN
IgG	Antibodies against Liver-specific antigenes	ASMA (Actin etc.)	EUROIMMUN
IgG	Liver Mosaic	HEp-2/Liver (AMA, ASMA, cellular membrane, nuclear dots)	EUROIMMUN

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 19, 2015

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Tel. 0451/29288-233 · Fax 5855-591 · qualitaetssicherung@euroimmun.de · www.euroimmun.de

EUROIMMUN Academy

An institution of EUROIMMUN Medizinische Labordiagnostika AG

Certificate of Attendance

Prof. Dr. Hüseyin Kilic
Erciyes University Medicine Fac. Microbiology Dep.
Erciyes Üniversitesi Tip Fakültesi Tibbi Mikrobiyoloji Ana Bilim Dali Talas
Kayseri / Turkey

Prof. Dr. Hüseyin Kilic has completed a full-day intensive course
"Medical Laboratory Diagnostics"
from December 07, 2015 to December 10, 2015
at EUROIMMUN Academy.

Agenda:

Autoimmune diagnostics

Infectious serology

Molecular diagnostics

Antigen determination

Automation

Detection methods

Diagnostic strategies

Histology and cytology

Microscopy

Venue: Seekamp 31, 23560 Luebeck, Germany

Luebeck, December 10, 2015

Dr. Annette Gospos, PhD
Director
EUROIMMUN Academy

IfQ-Lübeck Institut für Qualitätssicherung Lübeck

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

DAkkS Deutsche Akkreditierungsstelle D-EP-13423-01-00

Certificate

Quality Assessment Report QV 2790-170919, EBV II/2017 "Antibodies against Epstein-Barr-Virus"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Parameter	Ig class	Method
anti-EBNA-1	IgG	ELISA
anti-EBV-CA	IgG	ELISA
anti-EBV-CA (Avidity)	IgG	ELISA
anti-EBV-CA	IgM	ELISA

Serological diagnosis

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 14, 2017

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Telefon 0451/29288-233 · Fax 0451/5855-591 · E-Mail ifq@euroimmun.de · Internet www.ifq-portal.de

IfQ-Lübeck Institut für Qualitätssicherung Lübeck

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

ilac-MRA DAkkS Deutsche Akkreditierungsstelle D-EP-13423-01-00

Certificate

Quality Assessment Report QV 2132-170919, Borrelia II/2017 "Antibodies against Borrelia burgdorferi sensu lato"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Parameter	Ig class	Method
anti-Borrelia	IgG	ELISA
anti-Borrelia	IgM	ELISA

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 14, 2017

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Telefon 0451/29288-233 · Fax 0451/5855-591 · E-Mail ifq@euroimmun.de · Internet www.ifq-portal.de

IfQ-Lübeck Institut für Qualitätssicherung Lübeck

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

ilac-MRA DAkkS Deutsche Akkreditierungsstelle D-EP-13423-01-00

Certificate

Quality Assessment Report QV 1510-170919, ANA I II/2017 "Autoantibodies against cell nuclei"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Parameter	Ig class	Method
anti-dsDNA	IgG	ELISA
ANA IFA	IgG	IFA
anti-dsDNA	IgG	IFA
anti-CENP B	IgG	Lineblot
anti-dsDNA	IgG	Lineblot
anti-nRNP	IgG	Lineblot
anti-nRNP/Sm	IgG	Lineblot
anti-Nucleosomes	IgG	Lineblot
anti-Scl-70	IgG	Lineblot
anti-Sm	IgG	Lineblot
anti-SS-A	IgG	Lineblot
anti-SS-B	IgG	Lineblot

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 14, 2017

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Telefon 0451/29288-233 · Fax 0451/5855-591 · E-Mail ifq@euroimmun.de · Internet www.ifq-portal.de

IfQ-Lübeck Institut für Qualitätssicherung Lübeck

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

ilac-MRA DAkkS Deutsche Akkreditierungsstelle D-EP-13423-01-00

Certificate

Quality Assessment Report QV 2531-170919, HSV II/2017 "Antibodies against Herpes simplex Virus"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Parameter	Ig class	Method
anti-HSV 1	IgG	ELISA
anti-HSV 2	IgG	ELISA
anti-HSV 1	IgM	ELISA
anti-HSV 2	IgM	ELISA

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 14, 2017

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Telefon 0451/29288-233 · Fax 0451/5855-591 · E-Mail ifq@euroimmun.de · Internet www.ifq-portal.de

IfQ-Lübeck Institut für Qualitätssicherung Lübeck

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

ilac-MRA DAkkS Deutsche Akkreditierungsstelle D-EP-13423-01-00

Certificate

Quality Assessment Report QV 1300-170919, Liver II/2017 "Antibodies in autoimmune liver diseases"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Parameter	Ig class	Method
anti-M2	IgG	ELISA
AMA	IgG	IFA
anti-LKM-1	IgG	IFA
anti-nuclear dots	IgG	IFA
anti-nuclear membrane	IgG	IFA
ASMA (Actin etc.)	IgG	IFA

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 14, 2017

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Telefon 0451/29288-233 · Fax 0451/5855-591 · E-Mail ifq@euroimmun.de · Internet www.ifq-portal.de

IfQ-Lübeck Institut für Qualitätssicherung Lübeck

Eine Einrichtung der EUROIMMUN Medizinische Labordiagnostika AG

ilac-MRA DAkkS Deutsche Akkreditierungsstelle D-EP-13423-01-00

Certificate

Quality Assessment Report QV 2580-170919, Parvovirus II/2017 "Antibodies against Parvovirus B19"

Prof. Dr. Huseyin Kilic, Erciyes University, Microbiology, has participated in above stated Quality Assessment of our Institute and has **fulfilled** the requirements for the following analytic parameters:

Parameter	Ig class	Method
anti-Parvovirus B 19	IgG	ELISA
anti-Parvovirus B 19	IgM	ELISA

This document is only valid in combination with associated Quality Assessment Report.

Date of evaluation: Nov 14, 2017

Dr. Monika Probst
Quality Assessment Coordinator

Dr. Wolfgang Schlumberger
Member of the Advisory Board

D-23560 Lübeck · Seekamp 31 · Telefon 0451/29288-233 · Fax 0451/5855-591 · E-Mail ifq@euroimmun.de · Internet www.ifq-portal.de