EC CERTIFICATE

Lorne Laboratories Ltd

Unit 1 Cutbush Park Industrial Estate,
Danehill, Lower Earley, Berkshire RG6 4UT, UK

EC Certificate - Full Quality Assurance System Approval Certificate

Annex IV, (excluding sections 4 and 6) of Council Directive 98/79/EC on In Vitro Diagnostic Medical Devices

Scope of Certificate:
The design and manufacture of in vitro diagnostic reagents for identification of blood groups

Device Classification:
Annex II, List A and B

Device Descriptions:
Please refer to Attachment 1

Model:
Please refer to Attachment 1

File Number	A12241	Cycle Start Date	23 May 2017
Certificate No.	354.170425	Effective Date	23 May 2017
		Expiry Date	22 May 2022

Digitally signed by Ceaicovschi Tudor
Date: 2022.03.24 14:26:31 EET
Reason: MoldSign Signature
Location: Moldova

Authorised by

B. Rodgers
Certification Manager
For and on Behalf of UL International (UK) Ltd

We hereby declare that an examination of the full quality assurance system has been carried out per report 11640248 , following the requirements of the national legislation to which the undersigned is subject, transposing Annex IV (with the exemption of sections 4 and 6) of Council Directive 98/79/EC on In Vitro Diagnostic Medical Devices. We certify that the full quality assurance system conforms with the relevant provisions of the aforementioned directive and is subject to periodic surveillance as required by 98/79/EC, Annex IV, Section 5. For Annex II, List A devices where they are covered by this certificate, an EC Design Examination certificate according to 98/79/EC, Annex IV, Section 4 is required. This certificate is issued with 1 attachment listing model numbers.

Notified Body

0843

UL International (UK) Limited
Wonersh House, The Guildway, Old Portsmouth Road,
Guildford, Surrey, GU3 1LR, United Kingdom

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Attachment 1 of 1

The products detailed below are covered under the scope of this certificate

Device Description	Model	Classification
Anti-A Monoclonal	600005/600010/600000	Annex II List A
Anti-B Monoclonal	610005/610010/610000	Annex II List A
Anti-A,B Monoclonal	620005/620010/620000	Annex II List A
Anti-C Monoclonal	690005	Annex II List A
Anti-E Monoclonal	691005	Annex II List A
Anti-c Monoclonal	692005	Annex II List A
Anti-e Monoclonal	693005	Annex II List A
Anti-K Monoclonal	760005/760010	Annex II List A
Anti-D Clone 2 Monoclonal	710010/710000	Annex II List A
Anti-D Clone 1 Monoclonal	730010/730000	Annex II List A
Anti-D Duoclone Monoclonal	740010/740000	Annex II List A
Anti-Jka Polyclonal	323002/323000	Annex II List B
Anti-Jkb Polyclonal	324002/324000	Annex II List B
Anti-Fyb Polyclonal	317002/317000	Annex II List B
AHG Elite Clear	415010/415100/415000	Annex II List B
AHG Elite Green	435010/435100/435000	Annex II List B
Anti-Fya Monoclonal	774000/774002	Annex II List B
Anti-C+D+E Monoclonal	700005/700010/700000	Annex II List A
Anti-Human IgG Clear	401010/401000	Annex II List B
Anti-Human IgG Green	402010/402000	Annex II List B
Monoclonal Rh Control	640010	Annex II List A
Monoclonal D Negative Control	650010	Annex II List A

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CERTIFICATE OF REGISTRATION

Lorne Laboratories Ltd

Unit 1 Cutbush Park Industrial Estate
Danehill
Lower Earley
Berkshire RG6 4UT UNITED KINGDOM

UL LLC®(UL) issues this certificate to the Firm named above, after assessing the Firm's quality system and finding it in compliance with:

ISO 13485:2016
EN ISO 13485:2016

The manufacture of in vitro diagnostic blood grouping reagents. The purchase for resale of in vitro diagnostic serology test kit.

4426

Authorized by

Michael J. Windler, P.E.
Manager of Global Regulatory Service
Distinguished Member of the Technical Staff
Life and Health Sciences, UL LLC

Check Certificate Status: here

File Number	A12241	Cycle Start	May 23, 2020
Certificate Number	1458.200523	Effective Date	May 23, 2020
Initial Issue Date	June 26, 2018	Expiry Date	May 22, 2023

This quality system registration is included in UL's Directory of Registered Firms and applies to the provision of goods and/or services as specified in the scope of registration from the address(es) shown above. By issuance of this certificate the firm represents that it will maintain its registration in accordance with the applicable requirements. This certificate is not transferable and remains the property of UL LLC.

UL LLC
333 Pfingsten Road
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LORNE LABORATORIES LTD

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CERTIFICATE OF ANALYSIS

DESCRIPTION	LOT NO.	EXPIRY	PRODUCT CODE
ASO Latex Kit	**LO16126**	**2023-01**	**031100A**

STORAGE: Refrigerated at 2 – 8ºC. Protect from light. Do not freeze.

SHIPPING: This product has data supporting stability tolerance during fluctuations in ambient shipping temperature.

This product is in compliance with **MEDICAL DEVICES REGULATIONS 2002** for Annex 3 and Self-Certification. This product was manufactured, packaged and tested in accordance with **LORNE QUALITY SYSTEMS** and meets all product specifications.

REAGENT	SPECIFICATIONS			RESULT
	Appearance	Colour	Functionality	
ASO Latex Reagent	Homogeneous suspension free of macroscopic or flaky particles	White	Tested against kit (+) and (-) controls	**PASS**
Positive Control Negative Control	Liquid solution	Clear and transparent		**PASS**

If applicable:

- Components from human origin have been tested and found negative for the presence of antibody to HIV as well as HBsAg and HCV. Handle with caution as potentially infectious.
- This product was tested by methods described in the manufacturers package insert.
- This product is intended for ***In Vitro*** Diagnostic use only.

We certify that this product has been released as meeting our acceptance criteria

APPROVED BY: **DATE: 07 April 2021**

Eddy Velthuis
Technical Director

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CERTIFICATE OF ANALYSIS

DESCRIPTION	LOT NO.	EXPIRY	PRODUCT CODE
CRP Latex Kit	**LO16130**	**2023-03**	**850100A**

STORAGE: Refrigerated at 2 – 8°C. Protect from light. Do not freeze.

SHIPPING: This product has data supporting stability tolerance during fluctuations in ambient shipping temperature.

This product is in compliance with **MEDICAL DEVICES REGULATIONS 2002** for Annex 3 and Self-Certification. This product was manufactured, packaged and tested in accordance with **LORNE QUALITY SYSTEMS** and meets all product specifications.

REAGENT	SPECIFICATIONS			RESULT
	Appearance	Colour	Functionality	
CRP Latex reagent	Homogeneous suspension free of macroscopic or flaky particles	White	Tested against kit (+) and (-) controls	**PASS**
Positive Control Negative Control	Liquid solution	Clear and transparent		**PASS**

If applicable:

- Components from human origin have been tested and found negative for the presence of antibody to HIV as well as HBsAg and HCV. Handle with caution as potentially infectious.
- This product was tested by methods described in the manufacturers package insert.
- This product is intended for ***In Vitro*** Diagnostic use only.

We certify that this product has been released as meeting our acceptance criteria

APPROVED BY: **DATE: 16 March 2021**

Eddy Velthuis
Technical Director

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CERTIFICATE OF ANALYSIS

DESCRIPTION	LOT NO.	EXPIRY	PRODUCT CODE
TPHA Microtitre Plate Kit	**LO16146**	**2022-06**	**043100A**

STORAGE: Refrigerated at 2 – 8ºC. Protect from light. Do not freeze.

SHIPPING: This product has data supporting stability tolerance during fluctuations in ambient shipping temperature.

This product is in compliance with **MEDICAL DEVICES REGULATIONS 2002** for Annex 3 and Self-Certification. This product was manufactured, packaged and tested in accordance with **LORNE QUALITY SYSTEMS** and meets all product specifications.

REAGENT	SPECIFICATIONS			RESULT
	Appearance	Colour	Functionality	
R1 Test cells R2 Control cells	Homogeneous suspension free of macroscopic or flaky particles	Dark red	Tested against kit (+) and (-) controls	**PASS**
R3 Buffer	Liquid solution	Straw		**PASS**
Positive Control Negative Control	Liquid solution	Clear and transparent		**PASS**

If applicable:

- Components from human origin have been tested and found negative for the presence of antibody to HIV as well as HBsAg and HCV. However handle cautiously as potentially infectious.
- This product was tested by methods described in the manufacturers package insert.
- This product is intended for ***In Vitro*** Diagnostic use only.

We certify that this product has been released as meeting our acceptance criteria

APPROVED BY: **DATE: 13 January 2021**

Eddy Velthuis
Technical Director

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CERTIFICATE OF ANALYSIS

DESCRIPTION	LOT NO.	EXPIRY	PRODUCT CODE
RF Latex Kit	**LO16258**	**2022-05**	**830100A**

STORAGE: Refrigerated at 2 – 8ºC. Protect from light. Do not freeze.

SHIPPING: This product has data supporting stability tolerance during fluctuations in ambient shipping temperature.

This product is in compliance with **MEDICAL DEVICES REGULATIONS 2002** for Annex 3 and Self-Certification. This product was manufactured, packaged and tested in accordance with **LORNE QUALITY SYSTEMS** and meets all product specifications.

REAGENT	SPECIFICATIONS			RESULT
	Appearance	Colour	Functionality	
RF Latex reagent	Homogeneous suspension free of macroscopic or flaky particles	White	Tested against kit (+) and (-) controls	**PASS**
Positive Control Negative Control	Liquid solution	Clear and transparent		**PASS**

If applicable:

- Components from human origin have been tested and found negative for the presence of antibody to HIV as well as HBsAg and HCV. Handle with caution as potentially infectious.
- This product was tested by methods described in the manufacturers package insert.
- This product is intended for ***In Vitro*** Diagnostic use only.

We certify that this product has been released as meeting our acceptance criteria

APPROVED BY: **DATE: 08 September 2020**

Eddy Velthuis
Technical Director

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CERTIFICATE OF ANALYSIS

DESCRIPTION	LOT NO.	EXPIRY	PRODUCT CODE
RPR Carbon Kit	**LO16261**	**2023-03**	**044150A**

STORAGE: Refrigerated at 2 – 8ºC. Protect from light. Do not freeze.

SHIPPING: This product has data supporting stability tolerance during fluctuations in ambient shipping temperature.

This product is in compliance with **MEDICAL DEVICES REGULATIONS 2002** for Annex 3 and Self-Certification. This product was manufactured, packaged and tested in accordance with **LORNE QUALITY SYSTEMS** and meets all product specifications.

REAGENT	SPECIFICATIONS			RESULT
	Appearance	Colour	Functionality	
RPR Carbon Kit	Liquid suspension free of macroscopic particles	Grey	Tested against kit (+) and (-) controls	**PASS**
Positive Control Negative Control	Liquid solution	Clear and transparent		**PASS**

If applicable:

- Components from human origin have been tested and found negative for the presence of antibody to HIV as well as HBsAg and HCV. Handle with caution as potentially infectious.
- This product was tested by methods described in the manufacturers package insert.
- This product is intended for ***In Vitro*** Diagnostic use only.

We certify that this product has been released as meeting our acceptance criteria

APPROVED BY: **DATE: 14 April 2021**

Eddy Velthuis
Technical Director