



Quality Reagents and Laboratory Equipment



LORNE
LABORATORIES LIMITED

U N D E R W R I T E R S L A B O R A T O R I E S I N C .
C E R T I F I C A T E O F R E G I S T R A T I O N

Lorne Laboratories Ltd

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United Kingdom

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

ISO 9001:2000

EN ISO 9001:2000; BS EN ISO 9001:2000; ANSI/ASQ Q9001:2000

ISO 13485:2003

EN ISO 13485:2003; CAN/CSA 13485:2003 and ANSI/AAMI/ISO 13485:2003

for the following scope of registration

2835 (US) : In Vitro and In Vivo Diagnostic Substances

ISO 9001:2000: The manufacture of in-vitro diagnostic blood grouping reagents. The purchase for resale of OEM in-vitro diagnostic kits and laboratory equipment with Lorne label. The distribution of research reagents and laboratory equipment with original manufacturer's label.

ISO 13485:2003: The manufacture of in-vitro diagnostic blood grouping reagents. The purchase for resale of OEM in-vitro diagnostic kits with Lorne label.

Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2000 requirements may be obtained by consulting the organization.

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 Underwriters Laboratories Inc. ®.

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John H. Schmidt

Senior Vice President, Chief Development Office





LORNE

LABORATORIES LIMITED

LORNE LABORATORIES LTD is the only independent Company in England that for more than 35 years has manufactured and distributed a comprehensive range of reagents and associated products for blood transfusion, immunology and serodiagnosis. The main aim of the Company is to provide quality products at attractive prices, backed up by a first class service for our customers in the UK and also for our extensive distributors who represent us throughout the world. Lorne has distributors in over 90 countries.

The Company was founded in 1974 and has established an enviable reputation for manufacturing high quality reagents that comply with the UK Guidelines for the Blood Transfusion Service. The Lorne Quality System is registered for ISO 13485 to enable the Company to comply with the European In-Vitro Diagnostic Medical Device Directive and have its products CE marked where appropriate. All Lorne blood banking reagents are now CE marked and also most of the diagnostic kits. With an outstanding distribution service offering the highest standards of customer care, Lorne can provide a unique blend of quality and value for money.

Lorne is constantly seeking to extend their already comprehensive distributor network and is always keen to hear from Companies who have the quality and skills to represent them in overseas markets. A high level of technical skill in the field of blood transfusion and a professional approach to selling is a prime requirement as exports now account for more than 65% of the total volume of the Company's diagnostic reagent output.

Lorne Laboratories is a major supplier to the United Kingdom National Health Service; private sector hospitals and the Armed Forces in Britain. Additionally, manufactured goods are distributed to over 75 countries all over the world. Lorne products are used routinely throughout Europe, South East Asia, New Zealand, South America, Africa and the Middle East. New markets for Lorne are continuously starting in other areas all over the world, and the Company is rapidly diversifying into hospital refrigeration, blood transfusion laboratory instrumentation and other related areas.

Lorne employs 12 staff and has a 6,500 ft² modern manufacturing facility at Lower Earley near Reading in England. All of those involved in sales are scientifically qualified with many years of experience in diagnostics and transfusion science. Lorne can guarantee that all our customers and distributors receive the highest levels of technical help and expertise, both at home and abroad.

Lorne has always prided itself upon a worldwide reputation for economical pricing of high quality products backed up by first class personal service. These virtues have established Lorne as the leading independent British manufacturer and supplier of blood transfusion products throughout the world.

Lorne Instruments include a comprehensive range of high quality blood bank and pharmacy refrigerators, freezers, laboratory incubators, temperature controlled platelet storage systems and pharmaceutical refrigerators. Mortuary equipment, ultra freezers and icemakers have also been introduced. All Lorne instruments comply with internationally recognised electrical and mechanical safety standards. The machines are built in the EC to conform to the latest EEC Directives and carry the CE Mark. All distributors for Lorne Instruments are carefully selected to provide outstanding service and backup.

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ALL CE marked products comply to 98/79/EC In Vitro Diagnostic Medical Devices Directive



LORNE REAGENTS	Catalogue Number	Size	Type	Shelf Life Maximum
ABO SYSTEM – Monoclonal Reagents				
FOR SLIDE, TUBE, GEL CARD & MICROPLATE TECHNIQUES				
Anti-A	600010	10 ml	Monoclonal	24 Months
	610010x10	10 x 10 ml		
Anti-B	610010	10 ml	Monoclonal	24 Months
	610010x10	10 x 10 ml		
Anti-A,B	620010	10 ml	Monoclonal	24 Months
	620010x10	10 x 10 ml		
ABO SYSTEM – Lectin Reagents				
ANTI-A ₁ FOR SLIDE OR TUBE TEST, ANTI-H FOR TUBE TEST ONLY				
Anti-A ₁ (Dolichos biflorus)	116005	5 ml	Lectin	24 Months
	116005x10	10 x 5 ml		
Anti-H (Ulex europaeus)	115002	2 ml	Lectin	24 Months
	115002x10	10 x 2 ml		
RHESUS SYSTEM – Monoclonal Reagents				
FOR SLIDE, TUBE, GEL CARD & MICROPLATE TECHNIQUES				
Anti-D (IgM) Clone 1	730010	10 ml	Monoclonal	24 Months
	730010x10	10 x 10 ml		
Anti-D (IgM) Clone 2	710010	10 ml	Monoclonal	24 Months
	710010x10	10 x 10 ml		
RHESUS SYSTEM – Monoclonal Blended Reagent				
FOR SLIDE, TUBE, GEL CARD & MICROPLATE TECHNIQUES				
Anti-D DuoClone (IgG/IgM Blend)	740010	10 ml	Monoclonal Blend	24 Months
	740010x10	10 x 10 ml		





LORNE REAGENTS	Catalogue Number	Size	Type	Shelf Life Maximum
RHESUS SYSTEM – Human Serum Grouping Reagents				
FOR SLIDE OR TUBE TECHNIQUES				
Anti-C ^w	216002	2 ml	Human	24 Months
	216002x10	10 x 2 ml	Human	24 Months
RHESUS SYSTEM – Monoclonal Grouping Reagents				
FOR SLIDE, TUBE, GEL CARD & MICROPLATE TECHNIQUES				
Anti-C	690005	5 ml	Monoclonal	24 Months
	690005x10	10 x 5 ml		
Anti-E	691005	5 ml	Monoclonal	24 Months
	691005x10	10 x 5 ml		
Anti-c	692005	5 ml	Monoclonal	24 Months
	692005x10	10 x 5 ml		
Anti-e	693005	5 ml	Monoclonal	24 Months
	693005x10	10 x 5 ml		
Anti-C+D+E	700010	10 ml	Monoclonal	24 Months
	700010x10	10 x 10 ml		
CONTROL REAGENTS				
Rh Control Serum	200010	10 ml	Human	24 Months
	200010x10	10 x 10 ml		
Anti-D Monoclonal Control	650010	10 ml	Monoclonal	24 Months
	650010x10	10 x 10 ml		
Inert Group AB Serum	110010	10 ml	Human	24 Months
	110010x10	10 x 10 ml		
Precise Anti-D	209005	5 ml	Human	12 Months
	209005x10	10 x 5 ml		

Stock and availability of all human rare antisera may be limited due to the supply of suitable raw materials





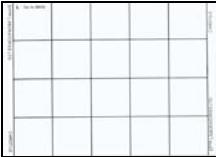
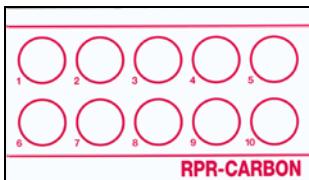
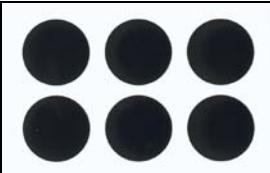
LORNE REAGENTS	Catalogue Number	Size	Type	Shelf Life Maximum
GROUPING REAGENTS FOR OTHER BLOOD GROUP SYSTEMS – Human Grouping Reagents				
FOR SALINE TUBE & GEL CARD TECHNIQUES Human reagents				
Anti-M	311002	2 ml	Human	24 Months
	311002x10	10 x 2 ml		
GROUPING REAGENTS FOR OTHER BLOOD GROUP SYSTEMS – Lectin Grouping Reagents				
FOR SALINE TUBE & GEL CARD TECHNIQUES Lectin reagents				
Anti-N (Vicia graminea)	312002	2 ml	Lectin	24 Months
	312002x10	10 x 2 ml		
GROUPING REAGENTS FOR OTHER BLOOD GROUP SYSTEMS – Human Grouping Reagents				
FOR INDIRECT COOMBS TEST & GEL CARD TECHNIQUES				
Anti-Fy ^b	317002	2 ml	Human	24 Months
	317002x10	10 x 2 ml		
Anti-k	320002	2 ml	Human	24 Months
	320002x10	10 x 2 ml		
Anti-Kp ^a	321002	2 ml	Human	24 Months
	321002x10	10 x 2 ml		
Anti-Kp ^b	322002	2 ml	Human	24 Months
	322002x10	10 x 2 ml		
Anti-Jk ^a	323002	2 ml	Human	24 Months
	323002x10	10 x 2 ml		
Anti-Jk ^b	324002	2 ml	Human	24 Months
	324002x10	10 x 2 ml		
Anti-Lu ^a	330002	2 ml	Human	24 Months
	330002x10	10 x 2 ml		
Anti-Lu ^b	331002	2 ml	Human	24 Months
	331002x10	10 x 2 ml		
GROUPING REAGENTS FOR OTHER BLOOD GROUP SYSTEMS – Monoclonal Grouping Reagents				
FOR SLIDE OR SALINE TUBE & GEL CARD TECHNIQUES				
Anti-K	760010	10 ml	Monoclonal	24 Months
	760010x10	10 x 10 ml		
Anti-P ₁	315002	2 ml	Monoclonal	24 Months
	315002x10	10 x 2 ml		
GROUPING REAGENTS FOR OTHER BLOOD GROUP SYSTEMS – Monoclonal Grouping Reagents				
FOR SALINE TUBE TECHNIQUES				
Anti-Le ^a	630002	2 ml	Monoclonal	24 Months
	630002x10	10 x 2 ml		
Anti-Le ^b	631002	2 ml	Monoclonal	24 Months
	631002x10	10 x 2 ml		
GROUPING REAGENTS FOR OTHER BLOOD GROUP SYSTEMS – Monoclonal Grouping Reagents				
FOR INDIRECT COOMBS TEST & GEL CARD TECHNIQUES				
Anti-S	770002	2 ml	Human	24 Months
	770002x10	10 x 2 ml		
Anti-s	771002	2 ml	Human	24 Months
	771002x10	10 x 2 ml		
Anti-Fy ^a	774002	2 ml	Human	24 Months
	774002x10	10 x 2 ml		

Stock and availability of all human rare antisera may be limited due to the supply of suitable raw materials



LORNE REAGENTS	Catalogue Number	Size	Type	Shelf Life Maximum
ANTIHUMAN GLOBULIN REAGENT – Rabbit AHG				
FOR SPIN TUBE TECHNIQUES				
Anti-IgG AHG (Clear)	401010	10 ml	AHG (IgG)	24 Months
	401010x10	10 x 10 ml		24 Months
Anti-IgG AHG (Green)	402010	10 ml	AHG (IgG)	24 Months
	402010x10	10 x 10 ml		24 Months
ANTIHUMAN GLOBULIN REAGENT – Rabbit/monoclonal blended AHG				
FOR SPIN TUBE TECHNIQUES				
ELITE Polyspecific AHG (Clear)	415010	10 ml	AHG (Polyspecific)	24 Months
	415010x10	10 x 10 ml		24 Months
ELITE Polyspecific AHG (Green)	435010	10 ml	AHG (Polyspecific)	24 Months
	435010x10	10 x 10 ml		24 Months
ELITE Polyspecific AHG (Clear)	415100	5 x 20 ml	AHG (Polyspecific)	24 Months
ELITE Polyspecific AHG (Green)	435100	5 x 20 ml		24 Months
ANTIHUMAN GLOBULIN REAGENTS – Monospecific AHG				
Anti-Human C3d (monoclonal)	427002	2 ml	AHG (Monospecific)	24 Months
	427002x10	10 x 2 ml		
PHOSPHATE BUFFERED SALINE TABLETS				
Phosphate Buffered Saline Tablets	490025	25 Tabs	Buffer Tablets	24 Months
	490025	10 x 25 Tabs		24 Months
LORNE “READY FOR USE” SEROLOGICAL ENZYMES				
TUBE OR MICROPLATE TECHNIQUES – READY TO USE				
Papenzyme- <i>plus</i>	441010	10 ml	Serological Enzyme	12 Months
	441010x10	10 x 10 ml		12 Months
Bromelite	443010	10 ml	Serological Enzyme	12 Months
	443010x10	10 x 10 ml		12 Months
LOW IONIC STRENGTH SOLUTIONS – L.I.S.S. Concentrate				
LOW IONIC STRENGTH SOLUTION 10X CONCENTRATE				
LISS Concentrate	460500	500 ml	Low Ionic Strength Concentrate	12 Months
	460025	2500 ml		12 Months
LOW IONIC STRENGTH SOLUTIONS – L.I.S.S. Ready for Use				
LOW IONIC STRENGTH SOLUTION READY FOR USE				
LISS Ready for use	470020	20 x 250 ml	Low Ionic Strength Solution	12 months
	470025	2500 ml		12 Months
	470250	4 x 250 ml		12 Months
LOW IONIC STRENGTH SOLUTIONS – L.I.S.S.-ADD				
LOW IONIC STRENGTH ADDITIVE SOLUTION READY FOR USE				
LISS-ADD	480010	10 ml	Low Ionic Strength Additive	24 Months
	480010x10	10 x 10 ml		24 Months
	480000	1000 ml		24 Months



LORNE REAGENTS	Catalogue Number	Size	Type	Shelf Life Maximum
SEROLOGICAL ALBUMIN SOLUTIONS				
BOVINE ALBUMIN SOLUTION READY FOR USE				
Albumin 22 %	451010	10 ml	Serological Albumin	24 Months
	451010x10	10 x 10 ml		24 Months
	451050	50 ml		24 Months
	451500	500 ml		24 Months
	451000	1,000 ml		24 Months
Albumin 30 %	452010	10 ml	Serological Albumin	24 Months
	452010x10	10 x 10 ml		24 Months
	452050	50 ml		24 Months
	452500	500 ml		24 Months
	452500	1,000 ml		24 Months
LORNE HISTOLOGY STORAGE SYSTEMS – Essex Blockfiles				
'ESSEX' Blockfiles	882025	25 Boxes	Histology Accessory	N/A
	882025x10	10 x 25 Boxes		N/A
				
LORNE HISTOLOGY STORAGE SYSTEMS – Brighton Slidestaks				
'BRIGHTON' Slidestak	881025	25 Boxes	Histology Accessory	N/A
	881025x10	10 x 25 Boxes		N/A
				
LORNE CARDTILES				
Cardtiles	880100	100 Cards	Laboratory Accessory	N/A
	880100x10	1000 Cards		N/A
				
Mini-Cardtiles	880120	25 Cards	Laboratory Accessory	N/A
	880120x10	250 Cards		N/A
				
Latex-Cardtiles	880130	25 Cards	Laboratory Accessory	N/A
	880130x10	250 Cards		N/A
				



LORNE REAGENTS	Catalogue Number	Size	Type	Shelf Life Maximum
RED CELLS – ABO Reverse Grouping Cells Supplied on a regular FOUR WEEKLY standing order schedule				
Reverse Grouping A ₁ +B Cells	910020	2 x 10 ml	Red Cells 3-5 %	28 Days
Reverse Grouping A ₁ +A ₂ +B Cells	910030	3 x 10 ml	Red Cells 3-5 %	28 Days
Reverse Grouping A ₁ +A ₂ +B+O Cells	910040	4 x 10 ml	Red Cells 3-5 %	28 Days
Reverse Grouping A ₂ Cells	920002	10 ml	Red Cells 3-5 %	28 Days
RED CELLS – Antibody Screening Cells Supplied on a regular FOUR WEEKLY standing order schedule				
Maxi-Screen 3	950030	3 x 10 ml	Red Cells 3-5 %	28 Days
RED CELLS – Antibody Identification Cell Panel Supplied on a regular FOUR WEEKLY standing order schedule				
Identicells	960050	10 x 5 ml	Red Cells 3-5 %	28 Days
RED CELLS – Coombs Control Cells Supplied on a regular FOUR WEEKLY standing order schedule				
Coombs Control Cells	970010	10 ml	Red Cells 3-5 %	28 Days

Red Cells are shipped every FOUR WEEKS (13 per annum) on a standing order only basis

Shelf life on despatch is 28 days

Shipping dates available on application

Notice of SIX WEEKS is required for changes in quantity and cancellations to red cell standing orders

* This date is very likely to change and will be confirmed nearer to the actual date

LORNE REAGENTS	Catalogue Number	Size	Type	Shelf Life Maximum
RED CELLS PRESERVATIVE – Preservacell				
PRESERVES RED CELLS FOR UP TO FOUR WEEKS				
Preservacell	980500	500 ml	Red Cell Preservative	12 Months
	980000	1,000 ml		12 Months
RED CELLS PRESERVATIVE – ABO Preservacell				
PRESERVES RED CELLS FOR UP TO FOUR WEEKS				
ABO Preservacell	981500	500 ml	Red Cell Preservative	12 Months
	981000	1,000 ml		12 Months
RED CELL ELUTION KIT				
READY FOR USE KIT				
Red Cell-Elute	930110	10 Test Kit	Acid Elution Kit	12 Months
	930110x10	10 x 10 Test Kit		12 Months



LORNE REAGENTS		Catalogue Number	Size	Type
TPHA SYPHILIS KITS				
READY FOR USE SYPHILIS PASSIVE HAEMAGGLUTINATION ASSAY KIT				
TPHA Kit 1000	043000	1,000 tests	Haemagglutination Kit	18 Months
	043000x10	10,000 tests		18 Months
TPHA Kit 200	043200	200 tests	Haemagglutination Kit	18 Months
	043200x10	2,000 tests		18 Months
TPHA Kit 100	043100	100 tests	Haemagglutination Kit	18 Months
	043100x10	1,000 tests		18 Months
RPR SYPHILIS KITS				
READY FOR USE SYPHILIS REAGIN TEST KIT				
RPR Kit 100	044100	100 tests	Syphilis Serology Kit	18 Months
Including droppers & stirrers	044100x10	1,000 tests		18 Months
RPR Kit 500	044500	500 tests	Syphilis Serology Kit	18 Months
Including droppers & stirrers	044500x10	5,000 tests		18 Months
VDRL ANTIGEN				
READY FOR USE SYPHILIS VDRL ANTIGEN				
VDRL Carbon Antigen	045005	5 ml	Syphilis Serology Reagent	18 Months
	045010	10 ml		18 Months
	045100	100 ml		18 Months
	045000	1,000 ml		18 Months
VDRL ANTIGEN KIT				
READY FOR USE SYPHILIS VDRL ANTIGEN KIT				
VDRL Kit	046555	5 + 55 ml	Syphilis Serology Kit	24 Months
	046555x10	50+ 550ml		24 Months
SYPHILIS CONTROLS				
READY FOR USE SYPHILIS TEST CONTROLS				
VDRL Positive Control	047005	5 ml	Syphilis Serology Control	36 Months
VDRL Negative Control	048005	5 ml	Syphilis Serology Control	36 Months





LORNE REAGENTS	Catalogue Number	Size	Type	
LORNE RAPID LATEX TEST KITS				
READY FOR USE RAPID LATEX TEST KITS				
ASO Latex Test Kit 100	031100	100 tests	Rapid Latex Test Kit	30 Months
	031100x10	1,000 tests		30 Months
ASO Latex Test Kit 50	031050	50 tests	Rapid Latex Test Kit	30 Months
	031050x10	500 tests		30 Months
E. coli 157 Latex Test Kit 100	034100	100 tests	Rapid Latex Test Kit	18 Months
	034100x10	1,000 tests		18 Months
E. coli 157 Latex Test Kit 50	034050	50 tests	Rapid Latex Test Kit	18 Months
	034050x10	500 tests		18 Months
RA Latex Test Kit 100	830100	100 tests	Rapid Latex Test Kit	30 Months
	830100x10	1,000 tests		30 Months
RA Latex Test Kit 50	830050	50 tests	Rapid Latex Test Kit	30 Months
	830050x10	500 tests		30 Months
Rotavirus Latex Test Kit 100	035100	100 tests	Rapid Latex Test Kit	18 Months
	035100x10	1,000 tests		18 Months
Rotavirus Latex Test Kit 50	035050	50 tests	Rapid Latex Test Kit	18 Months
	035050x10	500 tests		18 Months
CRP Latex Test Kit 100	850100	100 tests	Rapid Latex Test Kit	30 Months
	850100x10	1,000 tests		30 Months
CRP Latex Test Kit 50	850050	50 tests	Rapid Latex Test Kit	30 Months
	850050x10	500 tests		30 Months
IM Latex Test Kit 100	041100	100 tests	Rapid Latex Test Kit	18 Months
	041100x10	1,000 tests		18 Months
IM Latex Test Kit 50	041050	50 tests	Rapid Latex Test Kit	18 Months
	041050x10	500 tests		18 Months
LE Latex Test Kit 50	840050	50 tests	Rapid Latex Test Kit	18 Months
	840050x10	500 tests		18 Months
HCG Monoclonal Pregnancy 100	038100	100 tests	Rapid Latex Test Kit	18 Months
Direct Latex Test Kit	038100x10	1,000 tests		18 Months
HCG Monoclonal Pregnancy 50	038050	50 tests	Rapid Latex Test Kit	18 Months
Direct Latex Test Kit	038050x10	500 tests		18 Months





LORNE REAGENTS	Catalogue Number	Size	Type	
STREPTOCOCCUS TEST KIT				
READY FOR USE KIT				
Strep-Check Kit 6 x 50	860050	6 x 50 test	Bacterial Identification	15 Months
	860050x10	6 x 500 test		15 Months
STAPHYLOCOCCUS TEST KIT				
READY FOR USE KIT				
Staph-Check Kit 100	870100	50 tests	Bacterial Identification	18 Months
	870100x10	500 tests		18 Months
Staph-Check Kit 50	870050	50 tests	Bacterial Identification	18 Months
	870050x10	500 tests		18 Months
STAPHYLOCOCCUS TEST REAGENT				
READY FOR USE REAGENT				
Staph-Check Latex	870005	5 ml	Bacterial Identification	18 Months
	870005x10	10 x 5 ml		18 Months
OSMOTIC FRAGILITY KIT				
READY FOR USE KIT				
Osmotest	820212	1 Kit	Haematology Kit	12 Months
	820212x10	10 Kits		12 Months
HAEMOGLOBIN S KITS				
READY FOR USE KITS				
Sickle-Check 10 x 1	875010	10 x 1 Tests	Haematology Kit	12 Months
	875010x10	100 x 1 Tests		12 Months
Sickle-Check 5 x 10	875050	5 x 10 Tests	Haematology Kit	12 Months
	875050x10	50 x 10 Tests		12 Months
Sickle-Check 4 x 25	875100	4 x 25 Tests	Haematology Kit	12 Months
	875100x10	40 x 25 Tests		12 Months
Sickle-Check 1 x 100	875000	1 x 100 Tests	Haematology Kit	12 Months
	875000x10	10 x 100 Tests		12 Months





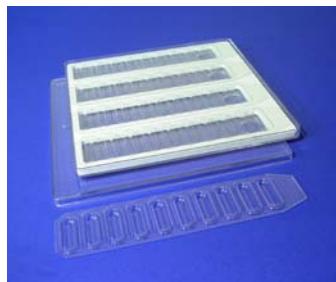
LORNE REAGENTS	Catalogue Number	Size	Type	
FEBRILE ANTIGENS				
READY FOR USE IN WIDAL & WEIL-FELIX TESTS				
Salmonella Typhi H	502005	5 ml	Febrile Antigen	36 Months
Salmonella H paratyphi A	504005	5 ml	Febrile Antigen	36 Months
Salmonella H paratyphi B	506005	5 ml	Febrile Antigen	36 Months
Salmonella H paratyphi C	508005	5 ml	Febrile Antigen	36 Months
Salmonella Typhi O	510005	5 ml	Febrile Antigen	36 Months
Salmonella O paratyphi A	512005	5 ml	Febrile Antigen	36 Months
Salmonella O paratyphi B	514005	5 ml	Febrile Antigen	36 Months
Salmonella O paratyphi C	516005	5 ml	Febrile Antigen	36 Months
Salmonella Typhi VI (Unstained)	511005	5 ml	Febrile Antigen	18 Months
Brucella abortus	518005	5 ml	Febrile Antigen	36 Months
Brucella melitensis	520005	5 ml	Febrile Antigen	36 Months
Proteus OX2	522005	5 ml	Febrile Antigen	36 Months
Proteus OX19	524005	5 ml	Febrile Antigen	36 Months
Proteus OXK	526005	5 ml	Febrile Antigen	36 Months
FEBRILE ANTIGEN KITS				
READY FOR USE IN WIDAL TESTS				
Febrile antigen kit	532040	8 x 5 ml	Febrile Antigen Kit	36 Months
Febrile antigen kit +controls	532042	8 x 5 ml + 2 x 1 ml	Febrile Antigen Kit Plus Controls	36 Months
FEBRILE ANTIGEN CONTROLS				
READY FOR USE POLYVALENT POSITIVE AND NEGATIVE CONTROLS				
Febrile positive control polyvalent	536001	1 ml	Febrile Control	36 Months
	536005	5 ml		36 Months
Febrile negative control	537001	1 ml	Febrile Control	36 Months
	537005	5 ml		36 Months



SEROPLATE

The environmentally friendly PVC-free slide for blood typing

Seroplates are manufactured from PET (polyethylene) to be disposable for single use



- Environmentally friendly recyclable **PET**
- Only 2.5g material per slide (others can use up to 15g) with thin foil for space saving and reduction of waste by up to 85%
- **Seroplates** have a special surface coating to draw out fast antigen-antibody reactions and shorten incubation times
- High flow characteristics to give clear readability of results, even with smaller drop volumes
- No stirrers necessary to prevent danger of carryover from well to well
- **Seroplates** have safety edges to avoid tests running in together
- **Seroplates** offer smooth, clean surfaces for precise results every time
- Disposable for economy with no washing required
- **Seroplates** are manufactured using environmentally friendly materials and subject to continuous Quality Control
- Manufactured and certified to DIN EN ISO 9001

Seroplate – Reduce Costs & Protect the Environment!

Product Code	Product Description	Size
Z 400	Seroplate 400	1 x 400
Z 400	Seroplate 2,000	5 x 400
Z 400	Seroplate 4,000	10 x 400
Z 400	Seroplate 8,000	20 x 400
Z 400	Seroplate 10,000	25 x 400
Z 400	Seroplate 20,000	50 x 400
Z 400	Seroplate 30,000	75 x 400
Z 400	Seroplate 50,000	125 x 400
Z 430	Incubation box with frames for four Seroplate	1 x 1

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LORNE
LABORATORIES LIMITED

SP-12

The environmentally friendly PVC-free slide for blood typing

SP-12 are manufactured from PET (polyethylene) to be disposable for single use



- Environmentally friendly recyclable **PET**
- **SP-12** has a special surface coating to draw out fast antigen-antibody reactions and shorten incubation times
- High flow characteristics to give clear readability of results, even with smaller drop volumes
- No stirrers necessary to prevent danger of carryover from well to well
- **SP-12** has safety edges to avoid tests running in together
- **SP-12** offer smooth, clean surfaces for precise results every time
- Disposable for economy with no washing required
- **SP-12** are manufactured using environmentally friendly materials and subject to continuous Quality Control
- Manufactured and certified to DIN EN ISO 9001

SP-12 – Reduce Costs & Protect the Environment!

Product Code	Product Description	Size
Z 300	SP-12 500	1 x 500
Z 300	SP-12 2,500	5 x 500
Z 300	SP-12 5,000	10 x 500
Z 300	SP-12 8,000	16 x 500
Z 300	SP-12 10,000	20 x 500
Z 300	SP-12 20,000	40 x 500
Z 300	SP-12 30,000	60 x 500
Z 300	SP-12 50,000	100 x 500
Z 440	Incubation box with frames for four SP-12	1 x 1

Sorry - Not for sale in Germany, Greece, Poland, Austria or Switzerland!

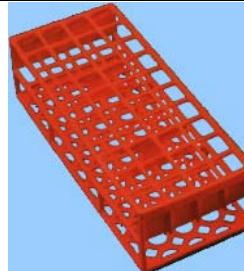
Z – Form Racks



New Z - Form racks save space - over 55% reduction for storage. Manufactured from ABS material and are heat resistant up to 90°C. The alphanumeric marking allows for easy sample identification.

<u>Ø21mm for 32 Vials 225mm x 114mm x 60mm</u>	<u>Ø17mm for 50 Vials 225mm x 114mm x 60mm</u>	<u>Ø13mm for 50 Vials 180mm x 94mm x 50mm</u>	
Z 183082 White	Z 184082 White	Z 185082 White	
Z 183083 Yellow	Z 184083 Yellow	Z 185083 Yellow	
Z 183084 Green	Z 184084 Green	Z 185084 Green	
Z 183085 Red	Z 184085 Red	Z 185085 Red	
Z 183086 Blue	Z 184086 Blue	Z 185086 Blue	

Square Hole Racks



Manufactured from Acetyl Resin. The rack is heat resistant up to 121°C. It is made in one piece and will not float in a water bath.

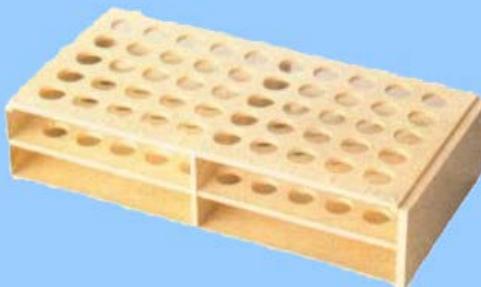
The alphanumeric marking allows for easy sample identification.

<u>Ø21mm for 40 Vials 246mm x 101mm x 70mm</u>	<u>Ø17mm for 60 Vials 246mm x 101mm x 70mm</u>	<u>Ø13mm for 90 Vials 246mm x 101mm x 70mm</u>	
Z 187082 White	Z 188082 White	Z 189082 White	
Z 187083 Yellow	Z 188083 Yellow	Z 189083 Yellow	
Z 187084 Green	Z 188084 Green	Z 189084 Green	
Z 187085 Red	Z 188085 Red	Z 189085 Red	
Z 187086 Blue	Z 188086 Blue	Z 189086 Blue	

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Traditional Racks



This traditional rack has an alphanumeric marking for the easier identification of the samples. It is heat resistant up to 90°C and two models have places for 50 tubes of diameter 17mm or 13 mm

Cat no. Z 181082

External dimensions:
260mm x 130mm x 60mm

Cat no. Z 182082

External dimensions:
210mm X 105mm X 50mm

<u>Ø17mm for 50 Tubes</u> <u>260mm x 130mm x 60mm</u>	<u>Ø13mm for 50 Tubes</u> <u>210mm x 105mm x 50mm</u>	<u>Colour</u>	
Z 181082	Z 182082	White	

Cuvette Racks



The rack offers places for 24 standard cuvettes and has alphanumeric marking for the easier identification of the samples. It is heat resistant to 90°C

Cat no. Z 186082

External dimensions:
250mm X 54mm X 37mm

<u>For 24 Cuvettes</u>	<u>Colour</u>	
Z 186082	White	

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ELECTRONIC BLOOD MIXER SYSTEMS

BIOMIXER 330 COMPUTER CONTROLLED BLOOD COLLECTION MIXING DEVICE



BM330 is the new generation scale/mixer offering a complete system for blood collection and data registration to meet the demands of today and in the future for total quality control and complete traceability. Cost includes Bar Code Reader (optional)

(Unit shown supplied with optional Bar Code Reader)

BIOMIXER 323 ELECTRONIC BLOOD COLLECTION MIXING DEVICE



Biomixer 323 is a new generation scale/mixer. It is made for stationary and mobile use.

RF TUBE SEALER SYSTEMS



BIOSEALER CR 4

Biosealer CR 4 is built for sealing PVC-tubes, especially for blood bags tubes or plasmapheresis sets. CR 4 has a powerful RF-unit, which makes it suitable both for routine procedures at donation rooms and repeated operations at preparation rooms without overheating.



QUADRUPLE BENCH UNIT FOR CR 4

The Quadruple Bench unit is made for sealing segments of PVC blood bag tubes.



BIOSEALER CR 6-PS

Biosealer CR 6-PS is a battery operated sealing unit for PVC-tubes, blood bag tubes and sets for plasmapheresis. It uses cadmium free batteries with a capacity of more than 500 seals. It is made for mobile use and is easy to carry hanging on your shoulder, or in your pocket.



BIOSEALER CR 6.

Biosealer CR 6 is a battery operated sealing unit for PVC-tubes, especially blood bags tubes or sets for plasmapheresis. With new and fully loaded batteries it manages more than 1000 seals on PVC-tubes. The high capacity makes it suitable to use CR 6 both in donation rooms, laboratories and in mobile use.



AUTOMATIC SEALING HANDLE FOR CR6/CR4

The Automatic Sealing Handle (ASH) is made for sealing PVC tubes especially blood bags-tubes or plasmapheresis tubes. The ASH is compatible with CR 6/CR 4 power unit. The ASH is ergonomic and user friendly.