



DEHYDRATED CULTURE MEDIA

**Supplements and Reagents
Donor Animal Blood & Serum**



E&O Laboratories Ltd have successfully grown their Culture Media business over the last 30 years to become a leading manufacturer servicing Microbiology Laboratories Worldwide. Our comprehensive media range is continually expanding into specialised industry sectors as well as aiding the rapid diagnosis of the newest antibiotic resistant bacteria strains. Our professional team encompasses a wide range of skills, delivering compliant products with a very high quality personal service. We have strong relationships with our raw material suppliers and a proven track record for continuity of supply. E&O's two manufacturing sites are based in central Scotland with excellent road/rail and airport accessibility. Prospective customers and distributors are welcome to visit/audit and meet our loyal and dedicated team.

INDUSTRY SECTORS:

- Clinical, Veterinary & Aquaculture
- Food, Water & Environmental
- Pharmaceutical, Industrial & Cosmetics
- Academia & Research

PRODUCT CATEGORIES:

- Ready-to-use Culture Media – Bottled, Bagged and Plated
- Dehydrated Culture Media & Raw Materials
- Antibiotic Supplements & Reagents
- Fresh Donor Horse & Sheep Blood – Frozen Sterile Filtered Serum

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MANUFACTURE:

E&O's comprehensive range of Dehydrated Media is manufactured in the Burnhouse facility along with a wide range of antibiotic supplements and reagents. High quality raw materials are sourced world wide and batch tested before reserving ready for formulating. All milling and blending operations are process controlled with accurate weighing ensuring a consistent level of quality and performance for all homogenous powdered product lines. Antibiotic supplements and reagents are formulated and supplied as fresh, frozen, lyophilised and tableted. A wide range of volumes are available to meet your batch production requirements.

Down on the Farm – aseptically collected donor Horse and Sheep blood is harvested each week ensuring customers receive fresh high quality well oxygenated defibrinated blood for the manufacture of ready-to-use plates. A combination of modern grassland management and experienced stock management guarantees year round minimal variance on batch productivity.

QUALITY ASSURANCE/QUALITY CONTROL:

Company compliance ensures all manufacturing processes and services meet the required Environmental, Health and Safety and Quality Standards regulated within the different industry sectors using Microbiological Culture Media both nationally and internationally.

- BS EN ISO 9001:2015 & BS EN ISO 13485:2016
- HOME OFFICE PROJECT LICENCE 1986 CERTIFICATE
- UKAS BS EN ISO/IEC 17025:2005
- EN ISO 2859-1:1999 & EN ISO 11133:2014
- IVD CE MARKING – European In-Vitro Diagnostics Medical Devices Regulation 2017/746
- Harmonised MTL methods – USP/EP/JP Pharmacopoeias – International Standards & ISO criteria

TECHNICAL SUPPORT R&D – OEM – DESIGN:

E&O employ a very highly qualified team of scientists to formulate new media, improve on existing formulations and work with clients to design specialised diluents/reagents and new culture media. A dedicated laboratory area with calibrated modern equipment allows a wide variety of media assays to be performed and designed before scaling up for final customer verification. E&O can source raw materials worldwide and has the in-house expertise to mill, blend, sterilise, aliquot and quality control to any specification in volumes, weights and containers to satisfy client's individual requirements.

LOGISTICS & DISTRIBUTION:

E&O's logistics department dispatch a wide range of Culture Media and related products with accompanying documentation worldwide. All consignments are packed in secure, insulated (if required) strong, well designed cardboard boxes to ensure contents are not damaged during the transportation process. The quality assurance department have validated (temperature data logged) information ensuring no degradation of product occurs. All UK locations are serviced on a standard "next day" service, "Timed" deliveries can be booked to suit emergency requirements as well as Saturday morning deliveries. Export consignments can be delivered via air, road or sea depending on product type and customer requirement. Having built strong supportive relationships with many distributors worldwide, our product range can be manufactured and shipped on an OEM basis or under the E&O brand.

ACCOUNT MANAGEMENT:

E&O’s finance department controls all quotations, discounts, payment terms and any return of goods credit. Our sales department review all tender notices, distribution costs and account turnovers on an annual basis. E&O strive to deliver competitive packages and are proud of our extremely loyal and growing global customer account network. Detailed up-to-date “Terms & Conditions” can be requested through our Customer Service Department.

SERVICE:

E&O’s front line Customer Service team are always available and happy to direct you to the right department for all routine enquiries. Our technical team support and advise on all microbiological and scientific product dialogue. E&O’s product portfolio also includes innovative service advantages from integrated stock management systems, to special delivery schedules using returnable packaging and enhanced Quality Control reporting on-line 24/7.



Dehydrated Culture Media

Standard pack sizes for DCM 500g 5Kg and 10Kg

All non-standard pack sizes are available on request depending on consignment volume

| DEHYDRATED CULTURE MEDIA | PRODUCT DESCRIPTION | SHELF LIFE (DAYS) | STORAGE | PACK SIZE | ASSOCIATED SUPPLEMENT FOR DCM PRODUCTS |
|--------------------------|---|-------------------|---------|-----------|--|
| KM0075 | Alkaline Peptone Water | 1095 | 10-30°C | 1 | |
| KM0084 | <i>Bacillus cereus</i> Agar (MYP) | 1095 | 10-30°C | 1 | BM0140 Egg Yolk Emulsion, LS0020 <i>Bacillus cereus</i> MYP Selective Supplement (500ml) |
| KM0186 | <i>Bacillus cereus</i> Agar (PEMBA) | 1095 | 10-30°C | 1 | BM0140 Egg Yolk Emulsion, LS1051 <i>Bacillus cereus</i> (PEMBA) Supplement (500ml) |
| KM0037 | Baird Parker Agar | 1095 | 10-30°C | 1 | BM0530 Egg Yolk Emulsion with Tellurite |
| KM0085 | Bile Aesculin Agar | 1095 | 10-30°C | 1 | |
| KM0034 | Blood Agar Base No. 2 | 1095 | 10-30°C | 1 | DHB Defibrinated Horse Blood, DSC Defibrinated Sheep Blood |
| KM0091 | Brain Heart Infusion Agar | 1095 | 10-30°C | 1 | DHB Defibrinated Horse Blood |
| KM0092 | Brain Heart Infusion Broth | 1095 | 10-30°C | 1 | |
| KM0038 | Brilliant Green Agar | 1095 | 10-30°C | 1 | LS0024 Novobiocin Supplement (20mg/L) (500ml) |
| KM0095 | Brucella Broth | 1095 | 10-30°C | 1 | |
| KM0093 | Brucella Medium Base | 1095 | 10-30°C | 1 | |
| KM0042 | Buffered Listeria Enrichment Broth | 1095 | 10-30°C | 1 | |
| KM0039 | Buffered Peptone Water | 1095 | 10-30°C | 1 | |
| KM0076 | <i>Burkholderia cepacia</i> Agar | 1095 | 10-30°C | 1 | LS0026 <i>Pseudomonas</i> CFC Selective Supplement (500ml), LS0125 <i>Burkholderia cepacia</i> Selective Supplement (500ml) |
| KM0057 | Campylobacter (CCDA) Agar | 1095 | 10-30°C | 1 | LS0010 Campylobacter CCDA Selective Supplement (500ml) |
| KM0044 | Campylobacter Agar Base | 1095 | 10-30°C | 1 | HBL Horse Blood Lysed, LS0010 Campylobacter CCDA Selective Supplement (500ml) |
| KM0045 | Campylobacter Enrichment Broth | 1095 | 10-30°C | 1 | HBL Horse Blood Lysed, LS1054 Campylobacter Bolton Selective Supplement (500ml) |
| KM0059 | Cetrimide Agar | 1095 | 10-30°C | 1 | |
| KM0185 | Charcoal Agar | 1095 | 10-30°C | 1 | DHB Defibrinated Horse Blood, LS0018 <i>Bordetella</i> Supplement with Cephalixin (40mg/L) (500ml) |
| KM0056 | Chromogenic Coliform Agar (CCA) | 1095 | 10-30°C | 1 | |
| KM0005 | CLED Double Indicator Agar (Bevis) | 1095 | 10-30°C | 1 | |
| KM0004 | CLED Single Indicator Agar | 1095 | 10-30°C | 1 | |
| KM0096 | <i>Clostridium difficile</i> Agar | 1095 | 10-30°C | 1 | |
| KM0001 | Columbia Agar | 1095 | 10-30°C | 1 | DHB Defibrinated Horse Blood, DSC Defibrinated Sheep Blood HBL Horse Blood Lysed, LS0008 Staph/Strep Selective Supplement (500ml), LS0009 Campylobacter Skirrow Selective Supplement (500ml), LS0011 Campylobacter Growth Supplement (500ml), LS0012 Bacitracin Selective Supplement (500ml), LS0017 Neomycin Sulphate Selective Supplement (75mg/L) (500ml), LS0022 <i>Clostridium difficile</i> Selective Supplement (500ml) |
| KM0052 | Contagious Equine Metritis Organism (CEMO) Agar | 1095 | 10-30°C | 1 | DHB Defibrinated Horse Blood, LS0041 CEMO Selective Supplement (500ml) |
| KM0080 | de Man, Rogosa and Sharpe (MRS) Agar | 1095 | 10-30°C | 1 | |
| KM0050 | Deoxycholate Citrate Agar (Hynes) | 1095 | 10-30°C | 1 | |
| KM0184 | Dermatophyte Test Medium | 1095 | 10-30°C | 1 | |
| KM0053 | DNase Agar | 1095 | 10-30°C | 1 | |
| KM0066 | DNase Agar with Methyl Green | 1095 | 10-30°C | 1 | |
| KM0078 | DRBC Agar | 1095 | 10-30°C | 1 | |
| KM0026 | <i>Edwardsiella ictaluri</i> Medium | 1095 | 10-30°C | 1 | LS0021p-Nitrophenyl Glycerol (PNPG) Supplement (20mg/L) (500ml) |

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|--------------------------|---|-------------------|---------|-----------|--|
| KM0105 | Endo Agar | 1095 | 10-30°C | 1 | |
| KM0104 | Enterobacteriaceae Enrichment (EE) Broth (Mossel) | 1095 | 10-30°C | 1 | |
| KM0028 | Eosin Methylene Blue Agar (EMB) | 1095 | 10-30°C | 1 | |
| KM0006 | Fastidious Anaerobe Agar | 1095 | 10-30°C | 1 | BM0140 Egg Yolk Emulsion, DHB Defibrinated Horse Blood, DSC Defibrinated Sheep Blood, LS0015 Actinomycete Selective Supplement (500ml), LS0017 Neomycin Sulphate Selective Supplement (75mg/L) (500ml), LS0022 <i>Clostridium difficile</i> Selective Supplement (500ml) |
| KM0165 | Fluid Thioglycollate Medium (USP) | 1095 | 10-30°C | 1 | |
| KM0016 | GC Agar | 1095 | 10-30°C | 1 | BM0478 Suplex Solution, DHB Defibrinated Horse Blood, LS0001 GC with LCAT Selective Supplement (500ml), LS0002 GC with VCAT Selective Supplement (500ml) |
| KM0046 | Half Fraser Broth Base | 1095 | 10-30°C | 1 | LS5003 Half Fraser Broth Selective Supplement (225ml), LS5004 Ferric Ammonium Citrate (500ml) |
| KM0032 | Hektoen Enteric Agar | 1095 | 10-30°C | 1 | |
| KM0009 | <i>Helicobacter pylori</i> Agar | 1095 | 10-30°C | 1 | LS0031 <i>Helicobacter pylori</i> Selective Supplement (500ml), SHS Sterile Horse Serum |
| KM0073 | Hoyles Agar | 1095 | 10-30°C | 1 | BM2230 Potassium Tellurite Solution (3.5%) |
| KM0111 | Kligler Iron Agar | 1095 | 10-30°C | 1 | |
| KM0116 | Lactose Broth | 1095 | 10-30°C | 1 | |
| KM0115 | LB Agar (Lennox) | 1095 | 10-30°C | 1 | LS0035 Ampicillin Supplement (100mg/L) (500ml), LS0037 Kanamycin Supplement (50mg/L) (500ml) |
| KM0114 | LB Agar (Miller) | 1095 | 10-30°C | 1 | LS0035 Ampicillin Supplement (100mg/L) (500ml), LS0037 Kanamycin Supplement (50mg/L) (500ml) |
| KM0113 | LB Broth (Lennox) | 1095 | 10-30°C | 1 | |
| KM0112 | LB Broth (Miller) | 1095 | 10-30°C | 1 | |
| KM0015 | Legionella Agar Base | 1095 | 10-30°C | 1 | LS0052 Legionella GVPC Selective Supplement (500ml), LS0053 Legionella BCYE Growth Supplement (500ml), LS0054 Legionella BCYE without Cysteine Supplement (500ml) |
| KM0119 | Lethen Agar Modified | 1095 | 10-30°C | 1 | |
| KM0206 | Lethen Broth | 1095 | 10-30°C | 1 | |
| KM0120 | Lethen Broth Modified | 1095 | 10-30°C | 1 | |
| KM0121 | Listeria Isolation Medium (Oxford formulation) | 1095 | 10-30°C | 1 | LS0030 Listeria Oxford Modified Selective Supplement (500ml) |
| KM0201 | Long and Hammer Agar | 1095 | 10-30°C | 1 | |
| KM0060 | Lowenstein Jensen Medium | 1095 | 10-30°C | 1 | |
| KM0122 | Lysine Iron Agar | 1095 | 10-30°C | 1 | |
| KM0027 | MacConkey Agar No. 3 | 1095 | 10-30°C | 1 | LS0189 Cefotaxime Supplement (1mg/L) (500ml) |
| KM0011 | MacConkey Agar without Salt and Crystal Violet | 1095 | 10-30°C | 1 | |
| KM0125 | MacConkey Broth (USP) | 1095 | 10-30°C | 1 | |
| KM0124 | MacConkey Agar with Salt | 1095 | 10-30°C | 1 | |
| KM0048 | Malt Extract Agar | 1095 | 10-30°C | 1 | LS0050 Chloramphenicol Supplement (100mg/L) (500ml) |
| KM0128 | Malt Extract Broth | 1095 | 10-30°C | 1 | |
| KM0031 | Mannitol Salt Agar | 1095 | 10-30°C | 1 | |
| KM0062 | Marine Agar | 1095 | 10-30°C | 1 | |
| KM0040 | Maximum Recovery Diluent | 1095 | 10-30°C | 1 | |
| KM0072 | Membrane Lauryl Sulphate Agar | 1095 | 10-30°C | 1 | |
| KM0071 | Membrane Lauryl Sulphate Broth | 1095 | 10-30°C | 1 | |
| KM0069 | Middlebrook 7H11 Agar Base | 1095 | 10-30°C | 1 | BM9110 OADC Enrichment Supplement, LS0268 Middlebrook Selective Supplement (500ml) |

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| KM0183 | Mueller Hinton Agar | 1095 | 10-30°C | 1 | LS0005 Nicotinamide Adenine Dinucleotide Supplement (20mg/L) (500ml) |
| KM0063 | Muller Kauffmann Tetrathionate (MKTTn) Broth | 1095 | 10-30°C | 1 | BM0946 Iodine and Potassium Iodide Complex, LS0024 Novobiocin Supplement (20mg/L) (500ml) |
| KM0055 | Mycological Agar | 1095 | 10-30°C | 1 | |
| KM0141 | Nutrient Agar | 1095 | 10-30°C | 1 | |
| KM0142 | Nutrient Broth | 1095 | 10-30°C | 1 | |
| KM0041 | Nutrient Broth No. 2 | 1095 | 10-30°C | 1 | |
| KM0143 | OF Medium | 1095 | 10-30°C | 1 | |
| KM0146 | PALCAM Agar | 1095 | 10-30°C | 1 | LS0038 PALCAM Selective Supplement (500ml) |
| KM0204 | Pasteurella Agar Base | 1095 | 10-30°C | 1 | DSC Defibrinated Sheep Blood, LS0057 Pasteurella Agar Selective Supplement (500ml) |
| KM0149 | Peptone Water | 1095 | 10-30°C | 1 | |
| KM0147 | Perfringens Agar Base | 1095 | 10-30°C | 1 | LS0023 <i>Clostridium perfringens</i> (TSC) Selective Supplement (500ml), LS0061 <i>Clostridium perfringens</i> (OPSP) Supplement (A) (500ml), LS0062 <i>Clostridium perfringens</i> (OPSP) Supplement (B) (500ml), LS7006 <i>Clostridium perfringens</i> (SFP) Selective Supplement (500ml) |
| KM0051 | Phosphate Buffered Saline | 1095 | 10-30°C | 1 | |
| KM0064 | Plate Count Agar | 1095 | 10-30°C | 1 | |
| KM0187 | Primary Membrane Lactose Glucuronide Agar | 1095 | 10-30°C | 1 | |
| KM0007 | Primary UTI Agar | 1095 | 10-30°C | 1 | KM8020 Kaolin, SHS Sterile Horse Serum |
| KM0079 | Pseudomonas Agar Base | 1095 | 10-30°C | 1 | LS0006 Pseudomonas Selective Cetrimide and Nalidixic Acid Supplement (500ml), LS0026 Pseudomonas CFC Selective Supplement (500ml) |
| KM0082 | R2A Agar | 1095 | 10-30°C | 1 | |
| KM0047 | Rappaport Vassiliadis Soya Broth | 1095 | 10-30°C | 1 | |
| KM0003 | Sabouraud Dextrose Agar | 1095 | 10-30°C | 1 | LS0050 Chloramphenicol Supplement (100mg/L) (500ml) |
| KM0068 | Sabouraud Dextrose Agar with Chloramphenicol | 1095 | 10-30°C | 1 | |
| KM0154 | Sabouraud Liquid Medium | 1095 | 10-30°C | 1 | |
| KM0033 | Salmonella Shigella Agar | 1095 | 10-30°C | 1 | |
| KM0158 | Selenite Cystine Broth | 1095 | 10-30°C | 1 | |
| KM0074 | Selenite F Broth Base | 1095 | 10-30°C | 1 | |
| KM0022 | Selenite Mannitol Broth Base | 1095 | 10-30°C | 1 | |
| KM0189 | Sheep Blood Agar Base | 1095 | 10-30°C | 1 | DSC Defibrinated Sheep Blood, LS0008 |
| KM0160 | Simmons Citrate Agar | 1095 | 10-30°C | 1 | |
| KM0161 | Slanetz and Bartley Medium | 1095 | 10-30°C | 1 | |
| KM0010 | Sorbitol MacConkey Agar | 1095 | 10-30°C | 1 | LS0013 <i>Escherichia coli</i> O157 Supplement (500ml) |
| KM0008 | TCBS Agar | 1095 | 10-30°C | 1 | |
| KM0198 | Trichomonas Medium | 1095 | 10-30°C | 1 | |
| KM0168 | Triple Sugar Iron Agar | 1095 | 10-30°C | 1 | |
| KM0162 | Tryptone Bile X-Glucuronide (TBX) Agar | 1095 | 10-30°C | 1 | |
| KM0024 | Tryptone Soya Agar | 1095 | 10-30°C | 1 | DHB Defibrinated Horse Blood, DSC Defibrinated Sheep Blood |
| KM0025 | Tryptone Soya Broth | 1095 | 10-30°C | 1 | |
| KM0203 | Tryptone Soya Broth with Sodium Polyanethol Sulfonate (SPS) | 1095 | 10-30°C | 1 | |
| KM0029 | Tryptone Water | 1095 | 10-30°C | 1 | |
| KM0070 | Tryptone Yeast Extract Salts (TYES) Agar | 1095 | 10-30°C | 1 | |
| KM0172 | Urea Agar Base | 1095 | 10-30°C | 1 | BM3000 Urea Solution (40%) |
| KM0173 | Urea Broth Base | 1095 | 10-30°C | 1 | BM3000 Urea Solution (40%) |

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|--------------------------|--|-------------------|---------|-----------|---|
| KM0065 | Violet Red Bile Agar (VRBA) | 1095 | 10-30°C | 1 | |
| KM0067 | Violet Red Bile Glucose Agar (VRBGA) | 1095 | 10-30°C | 1 | |
| KM0013 | Xylose Lysine Deoxycholate (XLD) Agar | 1095 | 10-30°C | 1 | |
| KM0177 | Yeast Extract Agar | 1095 | 10-30°C | 1 | |
| KM0019 | Yeast Extract Glucose Chloramphenicol Agar | 1095 | 10-30°C | 1 | LS0019 Oxytetracycline Selective Supplement (100mg/L) (500ml) |
| KM0179 | Yersinia Selective Agar | 1095 | 10-30°C | 1 | LS1053 Yersinia CIN Selective Supplement (500ml) |





| DCM RAW MATERIALS | PRODUCT DESCRIPTION | SHELF LIFE (DAYS) | STORAGE | PACK SIZE |
|-------------------|-------------------------|-------------------|---------|-----------|
| KM8010 | Acid Casein | 1095 | 10-30°C | 1 |
| KM9001 | Bacteriological Agar | 1095 | 10-30°C | 1 |
| KM8001 | Bacteriological Peptone | 1095 | 10-30°C | 1 |
| KM8006 | Beef Extract | 1095 | 10-30°C | 1 |
| KM8009 | BHI Solids | 1095 | 10-30°C | 1 |
| KM8013 | Gelatin Peptone | 1095 | 10-30°C | 1 |
| KM8020 | Kaolin | 1095 | 10-30°C | 1 |
| KM8008 | Lactalbumin Hydrolysate | 1095 | 10-30°C | 1 |
| KM8015 | Liver Peptone | 1095 | 10-30°C | 1 |
| KM8005 | Malt Extract | 1095 | 10-30°C | 1 |
| KM8014 | Meat Extract | 1095 | 10-30°C | 1 |
| KM8004 | Meat Peptone | 1095 | 10-30°C | 1 |
| KM8007 | Soy Peptone | 1095 | 10-30°C | 1 |
| KM8002 | Tryptone | 1095 | 10-30°C | 1 |
| KM8011 | Tryptose | 1095 | 10-30°C | 1 |
| KM8003 | Yeast Extract | 1095 | 10-30°C | 1 |








| SUPPLEMENTS/ REAGENTS | CONTAINER CODE | VOLUME | PRODUCT DESCRIPTION | SHELF LIFE (DAYS) | STORAGE | PACK SIZE AND CONTAINER |
|-----------------------|----------------|--------|-------------------------------------|-------------------|---------|---|
| BM0140 | A500 | 500ml | Egg Yolk Emulsion | 182 | 2-8°C | 6 units. Alpha (Sirop) Bottle 500ml with 28mm Polypropylene Cap |
| | N100 | 100ml | | | | 10 units. Square Graduated PETG Sterile Bottle 100ml with Cap |
| BM0530 | N100 | 100ml | Egg Yolk Emulsion with Tellurite | 182 | 2-8°C | 10 units. Square Graduated PETG Sterile Bottle 100ml with Cap |
| BM0946 | AM07 | 10ml | Iodine and Potassium Iodide Complex | 182 | 15-30°C | 50 units. Moulded Universal Vial 30ml with 28mm Polypropylene Cap |
| BM9110 | A125 | 100ml | OADC Enrichment Supplement | 182 | 2-8°C | 10 units. Alpha (Sirop) Bottle 125ml with 28mm Polypropylene Cap |
| BM2230 | A125 | 50ml | Potassium Tellurite Solution (3.5%) | 182 | 2-8°C | 10 units. Alpha (Sirop) Bottle 125ml with 28mm Polypropylene Cap |
| BM0478 | R125 | 100ml | Suplex Solution | 182 | 2-8°C | 10 units. Alpha (Sirop) Bottle 100ml with 28mm Aluminium Tamper Evident Cap |
| | R500 | 500ml | | | | 6 units. Alpha (Sirop) Bottle 500ml with 28mm Aluminium Tamper Evident Cap |

| SUPPLEMENTS/ REAGENTS | CONTAINER CODE | VOLUME | PRODUCT DESCRIPTION | SHELF LIFE (DAYS) | STORAGE | PACK SIZE AND CONTAINER |
|--------------------------|-------------------|--------|---|-------------------------|---------|---|
| BM3000 | R125 | 100ml | Urea Solution (40%) | 90 | 2-8°C | 10 units. Alpha (Sirop) Bottle 100ml with 28mm Aluminium Tamper Evident Cap |
| LS0015 | V001 | 500ml | Actinomycete Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0035 | V001 | 500ml | Ampicillin Supplement (100mg/L) (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS1051 | V001 | 500ml | <i>Bacillus cereus</i> (PEMBA) Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0020 | V001 | 500ml | <i>Bacillus cereus</i> MYP Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0012 | V001 | 500ml | Bacitracin Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0018 | V001 | 500ml | Bordetella Supplement with Cephalexin (40mg/L) (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0125 | V001 | 500ml | <i>Burholderia cepacia</i> Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0029 | V001 | 500ml | Campylobacter Blaser Wang Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS1054 | V001 | 500ml | Campylobacter Bolton Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0010 | V001 | 500ml | Campylobacter CCDA Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0011 | V001 | 500ml | Campylobacter Growth Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0009 | V001 | 500ml | Campylobacter Skirrow Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0189 | V001 | 500ml | Cefotaxime Supplement (1mg/L) (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0041 | V001 | 500ml | CEMO Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0050 | V001 | 500ml | Chloramphenicol Supplement (100mg/L) (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0022 | V001 | 500ml | <i>Clostridium difficile</i> Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0061 | V001 | 500ml | <i>Clostridium perfringens</i> (OPSP) Supplement (A) (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0062 | V001 | 500ml | <i>Clostridium perfringens</i> (OPSP) Supplement (B) (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS7006 | V001 | 500ml | <i>Clostridium perfringens</i> (SFP) Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0023 | V001 | 500ml | <i>Clostridium perfringens</i> (TSC) Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0013 | V001 | 500ml | <i>Escherichia coli</i> O157 Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS5004 | V001 | 500ml | Ferric Ammonium Citrate (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS5002 | V001 | 500ml | Fraser Broth Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0001 | V001 | 500ml | GC with LCAT Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0002 | V001 | 500ml | GC with VCAT Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0014 | V001 | 500ml | Haemophilus Growth Supplement with NAD and Haemin (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS5003 | V001 | 225ml | Half Fraser Broth Selective Supplement (225ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0031 | V001 | 500ml | <i>Helicobacter pylori</i> Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |

| SUPPLEMENTS/ REAGENTS | CONTAINER CODE | VOLUME | PRODUCT DESCRIPTION | SHELF LIFE (DAYS) | STORAGE | PACK SIZE AND CONTAINER |
|--------------------------|-------------------|--------|---|-------------------------|---------|--|
| LS0037 | V001 | 500ml | Kanamycin Supplement (50mg/L) (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0053 | V003 | 500ml | Legionella BCYE Growth Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 50ml with Crimp Neck |
| LS0054 | V003 | 500ml | Legionella BCYE without Cysteine Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 50ml with Crimp Neck |
| LS0056 | V002 | 500ml | Legionella BMPA Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 20ml with Crimp Neck |
| LS0052 | V002 | 500ml | Legionella GVPC Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 20ml with Crimp Neck |
| LS0055 | V002 | 500ml | Legionella MWY Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 20ml with Crimp Neck |
| LS0030 | V001 | 500ml | Listeria Oxford Modified Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0268 | V001 | 500ml | Middlebrook Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0017 | V001 | 500ml | Neomycin Sulphate Selective Supplement (75mg/L) (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0005 | V001 | 500ml | Nicotinamide Adenine Dinucleotide Supplement (20mg/L) (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0024 | V001 | 500ml | Novobiocin Supplement (20mg/L) (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0019 | V001 | 500ml | Oxytetracycline Selective Supplement (100mg/L) (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0038 | V001 | 500ml | PALCAM Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0057 | V001 | 500ml | Pasteurella Agar Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0021 | V001 | 500ml | p-Nitrophenyl Glycerol (PNPG) Supplement (20mg/L) (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0210 | V001 | 500ml | Primary Listeria Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0026 | V001 | 500ml | Pseudomonas CFC Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0006 | V001 | 500ml | Pseudomonas Selective Cefrimide and Nalidixic Acid Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS0008 | V001 | 500ml | Staph/Strep Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |
| LS1053 | V001 | 500ml | Yersinia CIN Selective Supplement (500ml) | 730 | 2-8°C | 10 units. Freeze Dry Vial 5ml with Crimp Neck |

| BLOOD | CONTAINER CODE | FILL VOLUME | PRODUCT DESCRIPTION | SHELF LIFE (DAYS) | STORAGE | PACK SIZE AND CONTAINER |
|--------|----------------|-------------|------------------------------------|-------------------|--------------|--|
| DHB005 | P030 | 5ml | Defibrinated Horse Blood 5ml | 56 | 2-8°C | 1 unit. 30ml Universal Polystyrene Bottle with Polypropylene Cap |
| DHB025 | P030 | 25ml | Defibrinated Horse Blood 25ml | 56 | 2-8°C | 1 unit. 30ml Universal Polystyrene Bottle with Polypropylene Cap |
| DHB050 | Y125 | 50ml | Defibrinated Horse Blood 50ml | 56 | 2-8°C | 1 unit. Alpha (Sirop) Bottle 125ml with 28mm Vima Cap |
| DHB100 | Y125 | 100ml | Defibrinated Horse Blood 100ml | 56 | 2-8°C | 1 unit. Alpha (Sirop) Bottle 125ml with 28mm Vima Cap |
| DHB200 | Y300 | 200ml | Defibrinated Horse Blood 200ml | 56 | 2-8°C | 1 unit. Alpha (Sirop) Bottle 300ml with 28mm Vima Cap |
| DHB300 | Y500 | 300ml | Defibrinated Horse Blood 300ml | 56 | 2-8°C | 1 unit. Alpha (Sirop) Bottle 500ml with 28mm Vima Cap |
| DHB400 | N500 | 400ml | Defibrinated Horse Blood 400ml | 56 | 2-8°C | 1 unit. Square Graduated PETG Sterile Bottle 500ml with Cap |
| DHB500 | N500 | 500ml | Defibrinated Horse Blood 500ml | 56 | 2-8°C | 1 unit. Square Graduated PETG Sterile Bottle 500ml with Cap |
| DHB1L | 1LB | 1000ml | Defibrinated Horse Blood 1L | 56 | 2-8°C | 1 unit. 1 Litre Blood Bag |
| DHB1L | Y1L | 1000ml | Defibrinated Horse Blood 1L | 56 | 2-8°C | 1 unit. Alpha (Sirop) Bottle 1000ml with 28mm Vima Cap |
| DHB5L | 10LB | 5000ml | Defibrinated Horse Blood 5L | 56 | 2-8°C | 1 unit. 10 Litre Blood Bag |
| DHB10L | 10LB | 10000ml | Defibrinated Horse Blood 10L | 56 | 2-8°C | 1 unit. 10 Litre Blood Bag |
| HBC100 | Y125 | 100ml | Horse Blood Citrate 100ml | 28 | 2-8°C | 1 unit. Alpha (Sirop) Bottle 125ml with 28mm Vima Cap |
| HBL025 | P030 | 25ml | Horse Blood Lysed 25ml | 182 | 2-8°C | 1 unit. 30ml Universal Polystyrene Bottle with Polypropylene Cap |
| HBL050 | Y125 | 50ml | Horse Blood Lysed 50ml | 182 | 2-8°C | 1 unit. Alpha (Sirop) Bottle 125ml with 28mm Vima Cap |
| HBL100 | Y125 | 100ml | Horse Blood Lysed 100ml | 182 | 2-8°C | 1 unit. Alpha (Sirop) Bottle 125ml with 28mm Vima Cap |
| HBL500 | N500 | 500ml | Horse Blood Lysed 500ml | 182 | 2-8°C | 1 unit. Square Graduated PETG Sterile Bottle 500ml with Cap |
| HIS100 | N100 | 100ml | Heat Inactivated Horse Serum 100ml | 1095 | Freeze -20°C | 1 unit. Square Graduated PETG Sterile Bottle 100ml with Cap |
| HIS500 | N500 | 500ml | Heat Inactivated Horse Serum 500ml | 1095 | Freeze -20°C | 1 unit. Square Graduated PETG Sterile Bottle 500ml with Cap |
| SHS100 | N100 | 100ml | Sterile Horse Serum 100ml | 1095 | Freeze -20°C | 1 unit. Square Graduated PETG Sterile Bottle 100ml with Cap |
| SHS500 | N500 | 500ml | Sterile Horse Serum 500ml | 1095 | Freeze -20°C | 1 unit. Square Graduated PETG Sterile Bottle 500ml with Cap |
| DSC010 | P030 | 10ml | Defibrinated Sheep Blood 10ml | 56 | 2-8°C | 1 unit. 30ml Universal Polystyrene Bottle with Polypropylene Cap |
| DSC025 | P030 | 25ml | Defibrinated Sheep Blood 25ml | 56 | 2-8°C | 1 unit. 30ml Universal Polystyrene Bottle with Polypropylene Cap |
| DSC050 | Y125 | 50ml | Defibrinated Sheep Blood 50ml | 56 | 2-8°C | 1 unit. Alpha (Sirop) Bottle 125ml with 28mm Vima Cap |
| DSC100 | Y125 | 100ml | Defibrinated Sheep Blood 100ml | 56 | 2-8°C | 1 unit. Alpha (Sirop) Bottle 125ml with 28mm Vima Cap |
| DSC200 | Y300 | 200ml | Defibrinated Sheep Blood 200ml | 56 | 2-8°C | 1 unit. Alpha (Sirop) Bottle 300ml with 28mm Vima Cap |
| DSC300 | Y500 | 300ml | Defibrinated Sheep Blood 300ml | 56 | 2-8°C | 1 unit. Alpha (Sirop) Bottle 500ml with 28mm Vima Cap |
| DSC400 | N500 | 400ml | Defibrinated Sheep Blood 400ml | 56 | 2-8°C | 1 unit. Square Graduated PETG Sterile Bottle 500ml with Cap |
| DSC500 | N500 | 500ml | Defibrinated Sheep Blood 500ml | 56 | 2-8°C | 1 unit. Square Graduated PETG Sterile Bottle 500ml with Cap |
| DSC1L | N1L | 1000ml | Defibrinated Sheep Blood 1L | 56 | 2-8°C | 1 unit. Square Graduated PETG Sterile Bottle 1000ml with Cap |
| DSC5L | 10LB | 5000ml | Defibrinated Sheep Blood 5L | 56 | 2-8°C | 1 unit. 10 Litre Blood Bag |
| SBC100 | Y125 | 100ml | Sheep Blood Citrate 100ml | 28 | 2-8°C | 1 unit. Alpha (Sirop) Bottle 125ml with 28mm Vima Cap |
| SCA025 | P030 | 25ml | Sheep Cells in Alsevers 25ml | 28 | 2-8°C | 1 unit. 30ml Universal Polystyrene Bottle with Polypropylene Cap |
| SCA050 | N100 | 50ml | Sheep Cells in Alsevers 50ml | 28 | 2-8°C | 1 unit. Square Graduated PETG Sterile Bottle 100ml with Cap |
| SCA100 | N100 | 100ml | Sheep Cells in Alsevers 100ml | 28 | 2-8°C | 1 unit. Square Graduated PETG Sterile Bottle 100ml with Cap |

| P030 30ml | AM07 30ml | V003 | V002 | V001 |
|---|---|---|---|---|
|  |  |  |  |  |
| Universal Polystyrene 30ml | Moulded Universal Vial 30ml | | Freeze dry vials 50ml – 20ml – 5ml | |

| Cap Options | 125 125ml | 300 300ml | 500 500ml | 1L 1L |
|---|--|--|---|--|
|  |  |  |  |  |
| Y 28mm Vima Cap | | | | |
|  | | | | |
| A 28mm Polypropylene Cap | | | | |
|  | | | | |
| R 28mm Aluminium Tamper evident | | | | |
| | Alpha (Sirop) Bottles | | | |

| N100 100ml | N500 500ml | N1L 1L |
|---|---|---|
|  |  |  |
| Square PETG Bottles (Sterile) | | |

DCM & Supplement Packaging



Sheep Blood Bag 1L



CONTAINERS

| PRODUCT CODE | DESCRIPTION |
|----------------|--|
| 10LB | 10 Litre Blood Bag |
| 1LB | 1 Litre Blood Bag |
| 4LB | 4 Litre Blood Bag |
| V001 | Freeze Dry Vial 5ml with Crimp Neck |
| V002 | Freeze Dry Vial 20ml with Crimp Neck |
| V003 | Freeze Dry Vial 50ml with Crimp Neck |
| A125 | Alpha (Sirop) Bottle 125ml with 28mm Cap |
| A300 | Alpha (Sirop) Bottle 300ml with 28mm Cap |
| A500 | Alpha (Sirop) Bottle 500ml with Cap |
| A1L | Alpha (Sirop) Bottle 1000ml with 28mm Cap |
| N100 | Square Graduated PETG Sterile Bottle 100ml with Cap |
| N1L | Square Graduated PETG Sterile Bottle 000ml with Cap |
| N500 | Square Graduated PETG Sterile Bottle 500ml with Cap |
| P030 | 30ml Universal Polystyrene Bottle with Polypropylene Cap |
| AM07 | Moulded Universal Vial 30ml with 28mm Polypropylene Capp |
| Cap Option - Y | 28mm Vima Cap |
| Cap Option - A | 28mm Polypropylene Cap |
| Cap Option - R | 28mm Aluminium Tamper Evident Cap |

DCM CONTAINERS

| | |
|------|---|
| 500g | Wide Neck HDPE White pot with Blue tamper evident cap |
| 5Kg | Round tapered white bucket with moulded white lid |
| 10Kg | Round tapered white bucket with moulded white lid |

Standard pack sizes for DCM 500g 5Kg and 10Kg
All non-standard pack sizes are available on request depending on consignment volume

WAREHOUSING – LOGISTICS – DISTRIBUTION

E&O's finished goods "stock" warehousing facility is split into four clearly defined and controlled temperature areas:

- Ambient 15°C – 25°C
- Air-conditioned 8°C – 12°C
- Refrigerated 2°C – 8°C
- Deep-frozen -18°C to -20°C

Following manufacturing, all finished stock is stored within these controlled conditions and locations prior to being "batch released" post routine QC/QA testing, ready for picking/packing and shipping.

All products are packaged and labelled with industry standard coding for clear identification and compatible for barcode reading/scanning.

Extensive transport validation has been carried out on all culture media and related supplements, reagents and blood products. A selection of media was subjected to actual transportation over 1400km lasting 73.7 hours with temperatures ranging from 11°C to 23°C. Results showed that transportation by road did not affect the utility of any products subsequently tested at end of shelf-life. Media can be used up to and including the expiry date even after exposure to higher than recommended temperatures during transportation.



ORDERS & ENQUIRIES:

All the “listed products” along with the volumes and the containers are routinely in stock. E&O can manufacture to suit your specific application and quote accordingly. All nonstock items will be subject to a minimum order charge and will be quoted on an annual quantity basis. Bespoke formulations can be designed and manufactured, for further details please contact our Customer Service/Technical support department.

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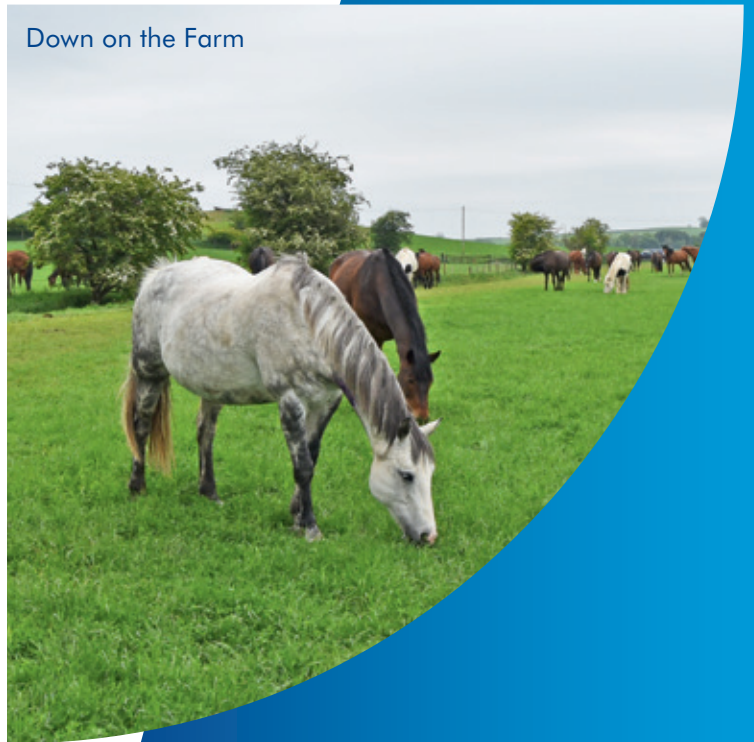
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South Mains – Donor Farm



Westfield – cGMP Manufacture



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