



CLEAN AREA PACK

New ready-to-use transportation and homogenisation solution BM0379 - Clean Area Pack (Ballotini Beads in 0.85% Saline)

Over the last 50 years many improvements in surgical procedures, infection control and the introduction of surveillance programmes, have all led to a reduction in the number of surgical site infections. This is despite an increase in the number and range of surgical procedures, however, the risk of infection still remains. The incidence of infection varies with the type of procedure and can be influenced by patient factors.

This new "Clean Area Pack" is designed specifically for use in operating theatres, being pre-sterilised and ready for use in sterile procedures for the collection of biopsy specimens for the investigation of microbial infections.

A tissue biopsy involves the removal of a portion of tissue from the patient for further examination by microbiological or histological methods. Biopsy specimens may be taken during open surgery, especially if the purpose of the procedure is to remove infected tissue, during a needle biopsy or a post-mortem.

E&O's "Clean Area Pack" has been designed and manufactured in compliance with ISO 13485. Each pack consists of a single polycarbonate 30ml universal container, filled with 10ml of physiological saline and 10 Ballotini beads. Following thermal steam sterilisation, each universal is labelled and double bagged prior to external Ethylene oxide (EO) sterilisation. The EO sterilisation cycle is performed under strictly controlled conditions in accordance with the requirements of ISO 11135:2014

Advantages:

- Sterile, ready-to-use & double bagged – designed for theatre sample collection
- Guaranteed sterility – EO sterilisation indicator – visual check in second bag - CE marked
- Sample collection/transfer direct to homogenisation – reduction of any contamination risk
- Polycarbonate Universal Vial – no risk of breakage – leak proof - pre-labelled



50 Clean Area Packs per Box - Shelf life 730 days

Once the specimen has been homogenised, the appropriate media should be inoculated as specified in the relevant PHE Standard Method of Investigation (SMI) documents depending on the clinical details and/or patient condition.

Relevant media products available from E&O Laboratories:

Product Code	Product Description	Shelf life (days)	Container	Volume	Relevant PHE SMI Document
PP2210	Actinomyces agar	49	P090	18-22ml	B 17
PP0100	Chocolate Agar with 5% Defibrinated Horse Blood	84	P090	18-22ml	B42, B44
PP0080	CLED Agar	84	P090	18-22ml	B 17
PP0120	Columbia Agar Base with 5% Defibrinated Horse Blood	42	P090	18-22ml	B 17, B42, B44
PP1080	Columbia Agar Base with 7% Defibrinated Horse Blood & CNA Selective Supplement	42	P090	18-22ml	B 17
PP1560	Fastidious Anaerobe Agar (FAA) with 7% Defibrinated Horse Blood	84	P090	18-22ml	B42, B44
PP0140	Fastidious Anaerobe Agar (FAA) with 7% Defibrinated Horse Blood & Neomycin (75mg/L)	84	P090	18-22ml	B 17
PP2110	Helicobacter pylori Medium	42	P090	18-22ml	B55
PP0070	Legionella BMPA Agar	56	P090	18-22ml	B 17
PP0470	MacConkey Agar without Salt	77	P090	18-22ml	B 17
PP0660	Mannitol Salt Agar (USP)*	70	P090	18-22ml	B 17
BM0110	Cooked Meat Medium with Brain-Heart Infusion Broth Overlay	365	M002	10ml, 15ml, 20ml	B 17, B42, B44
BM0160	Fastidious Anaerobe Broth (FAB)	365	M002; R125	10ml, 20ml, 25ml; 100ml	B 17, B42, B44
BM8200	Non-acidified Glycerol LJ Medium	270	M001; M002; M037	4ml; 7ml; 9ml	B 17, B42, B44
BM8300	Non-acidified Pyruvate LJ Medium	270	M001; M002; M037	4ml; 7ml; 9ml	B 17, B42, B44
BM0340	Sabouraud Dextrose Agar	365	M002	10ml	B42, B44
BM0890	Sabouraud Dextrose Agar with Chloramphenicol (50mg/L)	365	M002; A125	15ml; 100ml	B 17

*Chromogenic alternative available - PP3044 Colorex™ Staph aureus

References

1. Public Health England. (2016). Investigation of tissues and biopsies from deep-seated sites and organs. UK Standards for Microbiology Investigations. B 17 Issue 6
2. Public Health England. (2015). Investigation of bone and soft tissue associated with osteomyelitis UK Standards for Microbiology Investigations. B 42 Issue 2
3. Public Health England. (2016). Investigation of orthopaedic implant associated infections. UK Standards for Microbiology Investigations. B 44 Issue 2
4. Public Health England. (2015). Investigation of gastric biopsies for Helicobacter pylori. UK Standards for Microbiology Investigations. B 55 Issue 6