

ALCHIMIA

human tissue processing

ALCHIMIA

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PRODUCT LIST

DECONTAMINATION - BASE.128
RINSING - BASE
CRYOPRESERVATION - CRYO.ON

*Certified products for processing human tissues
and cells intended for transplantation*

DECONTAMINATION

- Ready-to-use solution; decontaminates the human tissue quickly, eliminating effectively the most frequent tissue bank contaminants
- Preserves the integrity of the tissue due to the proprietary formulation based on RPMI 1640
- BASE•128, in the RED version, allows detecting variation in solution pH, indicative of a potential bacterial contamination
- Sterile, Pyrogen - and Mycoplasma - free solution according to the current Pharmacopoeias (EP-USP)
- The solution can also be used for tissue transport to the bank, immediately after procurement
- Decontaminates effectively the tissue in different temperature and time conditions as shown by the TIME-KILL studies
- Labels for product traceability are included
- CE marked product

BASE•128



| REF. | PRODUCT | VOL | QTY | TISSUE |
|------------|----------|--------|-----|-------------------------|
| BAS 005-00 | BASE•128 | 250 ml | 1 | skin, amniotic membrane |
| BAS 006-00 | BASE•128 | 500 ml | 1 | skin, amniotic membrane |

BASE•128 RED



| REF. | PRODUCT | VOL | QTY | TISSUE |
|------------|--------------|--------|-----|-----------------------------|
| BAS 001-00 | BASE•128 RED | 250 ml | 1 | cardiovascular, osteotendon |
| BAS 002-00 | BASE•128 RED | 500 ml | 1 | cardiovascular, osteotendon |

RINSING

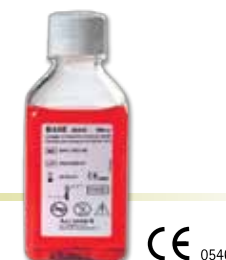
- Ready-to-use solution; certified for tissue rinsing after decontamination
- Preserves the integrity of the tissue due to the proprietary formulation based on RPMI 1640
- BASE, in the RED version, allows detecting variation in solution pH, indicative of a potential bacterial contamination
- Sterile, Pyrogen- and Mycoplasma- free solution according to the current Pharmacopoeias (EP-USP)
- The solution can also be used for tissue transport
- Labels for product traceability are included.
- CE marked product

BASE



| REF. | PRODUCT | VOL | QTY | TISSUE |
|------------|---------|--------|-----|-------------------------|
| BAS 007-00 | BASE | 500 ml | 1 | skin, amniotic membrane |

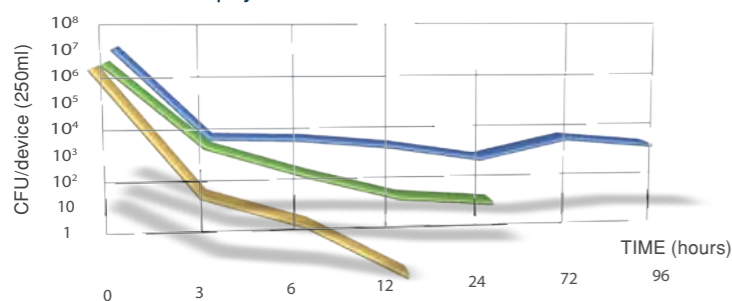
BASE RED



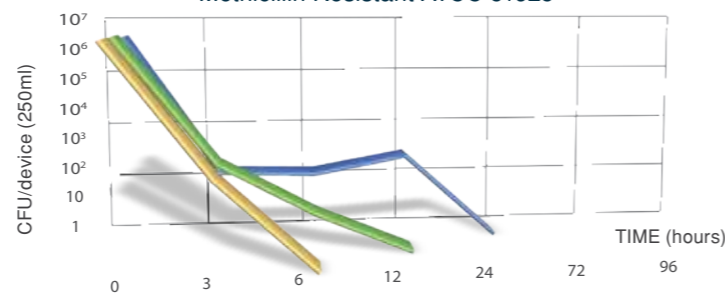
| REF. | PRODUCT | VOL | QTY | TISSUE |
|------------|----------|--------|-----|-----------------------------|
| BAS 003-00 | BASE RED | 500 ml | 1 | cardiovascular, osteotendon |

TIME-KILL STUDIES

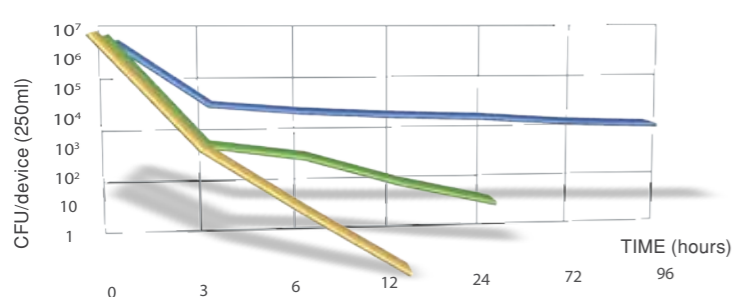
Staphylococcus Aureus ATCC 6538



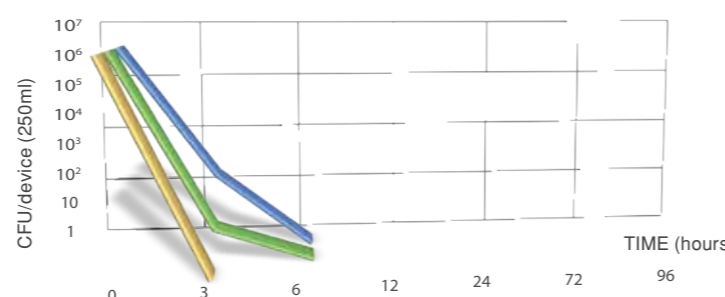
Coagulase-negative Staphylococcus Epidermidis Methicillin Resistant ATCC 51625



Pseudomonas Aeruginosa ATCC 9027



Candida Albicans ATCC 10231



37° C 22° C 4° C

CONTAMINANTS DETECTED IN TISSUE BANKS

REFERENCE STRAINS ACCORDING TO CURRENT PHARMACOPOEIA *

| | | |
|---|-----|--|
| Gram-positive bacteria (coagulase-negative, antibiotic resistant) | 81% | Staphylococcus Aureus ATCC 6538* Coagulase-negative Staphylococcus Epidermidis Methicillin Resistant ATCC 51625 |
| Gram-negative bacteria | 14% | Pseudomonas Aeruginosa ATCC 9027* |
| Fungi | 5% | Candida Albicans ATCC 10231* |

CRYOPRESERVATION

- 100% Dimethyl sulfoxide (DMSO), not less than 99.9% pure; purity tested by GC, GC-MS and NMR methods
- Preserves the tissue during storage at cryogenic temperatures
- Sterile, Pyrogen- and Mycoplasma- free solution according to the current Pharmacopoeias (EP - USP)
- Packed in class I amber glass bottle to protect DMSO from oxidation and warrant a shelf-life of 24 months
- Labels for product traceability are included
- Packaged in sterile dual pouch to meet GMP requirements
- CE marked product

CRYO.ON



| REF. | PRODUCT | VOL | QTY | TISSUE |
|------------|---------|--------|-----|--|
| CRN 001-00 | CRYO.ON | 10 ml | 1 | skin, amniotic membrane, cardiovascular, osteotendon, cells, placental blood |
| CRN 002-00 | CRYO.ON | 100 ml | 1 | skin, amniotic membrane, cardiovascular, osteotendon, cells, placental blood |