

# Amniotic Membrane Frozen Small

Eye - Product code T0112



## Benefits/advantages

- Supplied by Tissue Services, a specialist function of NHS Blood and Transplant (NHSBT) undertaking all aspects of tissue donor evaluation, medical screening, consent, testing, storage, cleanroom processing, quality assurance and supply.

## Product description

Amniotic membrane removed from placentas from elective caesarean section deliveries. Decontaminated using an antibiotic cocktail and frozen in 50% glycerol/Hanks solution. Supplied as individual units measuring 2x2cm squares.

## Clinical applications

For use in ophthalmic surgery, primarily ophthalmic surface dressing.

## Processing

This product is collected aseptically in the operating theatre according to Tissue Services protocol. Once collected the product is processed in pharmaceutical grade cleanrooms and decontaminated using an antibiotic cocktail and subsequently stored below -40°C

at the tissue bank until donor release.

The protocol includes quarantine and re-testing the donor 6 months after donation, or advanced testing using PCR.

## Storage requirements

This graft needs to be stored frozen below -40°C. Freezers need to be designated for clinical use with 24/7 alarms and monitoring. Your blood bank may be able to store this tissue in these conditions. Once thawed, the graft must be used immediately.

**Product sheet**

For further information or to place an order, please contact your nearest tissue bank via the national order line

**Tel 0845 607 6820 Fax 0845 607 6819**

### Regulatory requirements

As this product contains cells, a Tissue Establishment Licence from the Human Tissue Authority will be required if stored beyond 48 hours. Some stages of the quality system defined by law (EU Tissue and Cells Directive) relating to storage, tracking and adverse event or reaction reporting can be managed only by the hospital. Because of this a signed current service level agreement defining responsibilities must be in place prior to the supply of tissue. Tissue Services will send this agreement directly to the hospital, usually via the CEO for signature. Details can be supplied on request.

### Delivery

This product is stored on nitrocellulose paper in a sterile bijou containing a freezing solution. This bijou is stored in outer packaging consisting of two heatsealed plastic bags within a flat-pack outer bag. Delivery is in a disposable transport box containing dry ice (solid carbon dioxide - see below) validated to keep the graft frozen until the date and time provided on the box. It is delivered by either NBS Transport or via a courier, usually direct to the point of use e.g. theatre. Next working day delivery is included in the product price. More urgent delivery e.g. same day or by a specified time can be arranged at additional cost.

CAUTION - dry ice can cause burns. The product must be unpacked by a person wearing safety gloves designed to protect from the cold (-80°C). In addition, high levels of carbon dioxide can asphyxiate, so care should be taken to open and store the package in a room with adequate ventilation. The remaining dry ice should be left to evaporate in a ventilated area before discard.