



Alamo Tissue Service is now Alamo Biologics

STRYKER CATALOG



Enhancing lives through the gift of tissue donation.

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ABOUT US

Alamo Biologics

Alamo Biologics, formerly known as Alamo Tissue Service, is a full service tissue bank offering high quality allografts and biologics. Premier services include: research and development, contract manufacturing, and storage facilities. We distribute to medical facilities and distributors world-wide.

Innovation

Precision Allograft Solutions, partner of Alamo Biologics developed the exclusive PASCO2 methodology involving Super Critical CO2 for cleaning and sterilization of allograft tissues and other biologics.

Partnership

Alamo Biologics is dedicated to providing the highest quality tissue available. Our partnerships in the United States allow us to supply you with hard-to-find grafts, as well as producing products for our Original Equipment Manufacture customers.

Commitment to Our Donors

Alamo Biologics is honored and humbled to be part of the gift of life. We are dedicated to serving the donor and their family's wishes to provide healing to those in need of the tissue donation. We go to great lengths in the screening, recovery, processing, storage, and distribution of donor tissue to maintain the utmost respect for donors and maximize the benefit for allograft tissue recipients.

Accreditation and Compliance

Alamo Biologics is accredited by the American Association of Tissue Banks (AATB) and registered with the U.S. Food and Drug Administration (FDA). We are licensed for tissue banking operations in the following states and territories that require separate licensure. Please contact us or visit our website for copies of our accreditation's.

California
Florida
Maryland

New York
Oregon
Illinois

Canada

Donor Screening and Recovery

A comprehensive screening process is conducted to review prospective donor's medical and social history, in accordance with Food and Drug Administration (FDA) regulations and American Association of Tissue Banks (AATB) standards. Upon receiving consent from the donor's family, a qualified personnel performs and documents a physical examination and reviews the donor's medical records. Approved donors are tested by a CLIA certified, FDA-registered laboratory.

ABOUT US

Tissue Processing

The allograft tissue recovery process begins after a donor has passed our thorough screening process. Our highly trained technicians operate in state-of-the-art designated clean rooms to process and prepare tissue. Our dedicated team is committed to providing high quality allograft tissue to enhance lives.

Exceptional Customer Service

Alamo Biologics has an esteemed reputation for our excellent customer service.

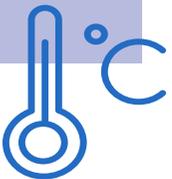
To best serve you, our team is available and on call after hours. Call our local or toll-free numbers.



Proper Allograft Storage

Fresh Frozen (FF) allograft tissue should be stored at -40°C or colder and may be kept at -20°C to -39°C for temporary storage lasting up to six months.

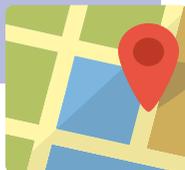
Freeze-Dried (FD) (lyophilized) tissue components should be stored between $+4^{\circ}\text{C}$ to $+40^{\circ}\text{C}$ (ambient temperature).



Shipping

Alamo Biologics offers reliable world-wide delivery services which enables us to meet the needs of our partners.

Courier services are also available for stat deliveries. Shipping validations and temperature monitoring devices are also available upon request.



EXCLUSIVE PASCO2® TECHNOLOGY

Precision Allograft Solutions, a partner of Alamo Biologics has revolutionized the sterilization process for biologics. PASCO2® technology provides allograft tissue with more tensile strength and elastic properties than traditional methodologies like gamma irradiation.

SUPERCRITICAL CARBON DIOXIDE SETS THE STAGE FOR A FLAWLESS TISSUE TRANSPLANT

The revolutionary PASCO2® sterilization process relies on supercritical carbon CO2 to extract unwanted compounds from soft tissues without compromising their integrity. In its supercritical state CO2 can effuse through solids like a gas and dissolve materials like a liquid.(3) Balancing the pressure and temperature of the fluid, allograft tissue is prepared for use in a problem-free tissue transplant. PASCO2® is perfect for sports medicine allografts and other reconstructive procedures.

ELIMINATING BLOOD AND LIPIDS WITHOUT DAMAGING ALLOGRAFT TISSUE

PASCO2® technology sterilization process uses a highly effective, validated washing procedure, plus a mild, nontoxic sterilizing agent to rid allografts of blood particles and lipids. This process does not jeopardize the tensile strength and elastic properties of the connective tissue being cleaned. PASCO2® technology maximizes bio-compatibility and mechanical integrity in donor tissue.

CUTTING EDGE TECHNOLOGY

PASCO2 technology is a cutting-edge technique allograft processing technique. It combines the principles of supercritical CO2 with that of traditional chemical and mechanical steps for the removal of organic materials, such as blood particles and lipids, from both hard and soft tissues. In addition to a highly effective validated washing procedure, PASCO2 technology utilizes a mild, non-toxic sterilizing agent, to thoroughly inactivate pathogenic microorganisms (1,2) maintaining and achieve a Sterility of assurance Level of 10-6 while simultaneously maintaining biocompatibility (4) as well as physiological properties and mechanical integrity of the tissue.

Our trained surgical technicians operate in certified class 100 clean rooms. (1,2) The PASCO2® process is based on ISO 14937:2009 sterilization for health care products to process donated human tissue into high-quality reconstructive and sports medicine allografts. Allograft tissue is processed to a validated Sterility Assurance Level of 10-6.

PASCO2® TECHNOLOGY'S ADVANTAGES

COMPARED TO OTHER PROCESSING METHODS (1,2)

- Thoroughly inactivates pathogenic microorganisms
- Allows for increased cell proliferation
- Assists with reduction of postoperative inflammation and foreign body reaction
- Reduces incorporation time
- Increases tissue's ability to endure physiological demands

A person in a wheelchair is shown in profile, looking out over a city and water at sunset. The sun is low on the horizon, creating a warm, golden glow. The person is wearing a dark jacket. The wheelchair is in the foreground, and the city buildings and water are in the background. The overall mood is peaceful and contemplative.

“

Alamo Biologics honors the gift of donation by providing the highest quality allografts.

Thanks to the gift of donation, we are committed to developing new and innovative products to enhance patient's lives.

”

PASCO2

Description

Catalog Number

Achilles Strip FF	PS189FF
Achilles Tendon FF	PS290FF
Flexor Tendon	PS654FF
Gracilis Tendon FF	PS393FF
Patella Tendon Hemi FF	PS292FF
Peroneus Longus FF	PS294FF
PreShaped Achilles Tendon FF	PS289FF
PreShaped Patella Tendon FF	PS293FF
PreShaped Quadriceps Tendon FF	PS299FF
Quadriceps Tendon FF	PS298FF
Semitendinosus Tendon	PS392FF
Semitendinosus/Gracilis Combo FF	PS394FF
Tibialis Tendon Anterior FF	PS801FF
Tibialis Tendon Posterior FF	PS841FF
Fascia Lata Large 50-100 sqcm FF	PS824FF
Fascia Lata Large 50-100 sqcm FD	PS824FD
Fascia Lata XLarge 101-150 sqcm FF	PS825FF
Fascia Lata XLarge 101-150 sqcm FD	PS825FD
Fascia Lata XXLarge ≥ 151 sqcm FF	PS826FF
Fascia Lata XXLarge ≥ 151 sqcm FD	PS826FD

FD: Freeze Dried
FF: Fresh Frozen

To Place an Order:
800.226.9091 or 210.738.2663

Irradiation

Description

Catalog Number

Achilles Strip FF	AT189FF
Achilles Tendon FF	AT290FF
Patella Tendon Hemi FF	AT292FF
PreShaped Patella Tendon FF	AT293FF
PreShaped Achilles Tendon FF	AT289FF
Peroneus Longus FF	AT294FF
PreShaped Quadriceps Tendon FF	AT299FF
Semitendinosus Tendon FF	AT392FF
Gracilis Tendon FF	AT393FF
Semitendinosus/Gracilis Combo FF	AT394FF
Tibialis Tendon FF Anterior	AT801FF
Tibialis Tendon FF Posterior	AT841FF
Quadriceps Tendon FF	AT298FF
Femoral Head w/Neck FF	AT447FF
Cancellous Cubes 15cc FF	AT402FF
Cancellous Cubes 30cc FF	AT401FF
Cancellous Cubes 60cc FF	AT400FF
Cancellous Crushed/Chips 5 CC (1-4mm) FF	AT802FF
Cancellous Crushed/Chips 5 CC (4-10mm) FF	AT803FF
Cancellous Crushed/Chips 15 CC (1-4mm) FF	AT806FF
Cancellous Crushed/Chips 15 CC (4-10mm) FF	AT807FF
Cancellous Crushed/Chips 30 CC (1-4mm) FF	AT808FF
Cancellous Crushed/Chips 30 CC (4-10mm) FF	AT809FF

FD: Freeze Dried

FF: Fresh Frozen

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Thank you for your partnership



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1PAS Validation 13-25, Performance Qualification

2PAS Validation 13-26, Performance Qualification

3Fages, J., Marty, A., Delga, C., Condoret, J., Combes, D., & Frayssinet, P. (1994).
Use of supercritical co2 for bone delipidation. *Biomaterials*, 15(9).

4Frayssinet, P., Rouquet, N., Mathon, D., Autefage, A., & Fages, J. (1998). Historical
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Banking*.

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