

Diseased Human Plasma, Inflammatory Myopathy

Primary human plasma, frozen

Catalog #200-0854

1 mL

Product Description

Inflammatory myopathies (IM) are a group of diseases that involve chronic muscle inflammation, muscle weakness, and in some cases, muscle pain. There are four main types of inflammatory myopathies:

- Polymyositis: Characterized by inflammatory changes in the muscle tissue
- Dermatomyositis: Causes skin lesions on top of muscle inflammation
- Inclusion body myositis: Causes muscle weakness and degeneration in certain areas of the body
- Necrotizing autoimmune myopathy: Characterized by necrosis and degeneration of the muscle fibers

Samples from donors with IM may be used to study the disease mechanisms and validate therapeutic targets.

Primary human plasma has been isolated from peripheral blood (PB) using centrifugation. Plasma was obtained using Institutional Review Board (IRB)-approved consent forms and protocols.

Donor Status: Diseased - Autoimmune & Inflammatory

Characterization Criteria: Age, Cell Count, Diagnosis Date, Donor Viral Testing, Ethnicity, Height, Other Information, Smoking Status, Viability

Product Format: Plasma is frozen with no cryopreservation medium.

Anticoagulant: Acid-citrate-dextrose solution A (ACDA)

For donor details, refer to the lot-specific Certificate of Analysis.

Stability and Storage

Product stable at -80°C for 12 months from date of receipt. Thawed samples may be stored at 2 - 8°C for up to 5 days.

Precautions

Donor Screening: Donors are screened for HIV-1, HIV-2, hepatitis B, and hepatitis C.

Cryopreserved products are shipped with negative test results from donor screening that is performed within 90 days of collection.

Donors have been tested and found to be negative for HIV-1 and 2, hepatitis B, and hepatitis C prior to donation. As testing cannot completely guarantee that the donor was virus-free, THIS PRODUCT SHOULD BE TREATED AS POTENTIALLY INFECTIOUS and only used following appropriate handling precautions such as those described in biological safety level 2. When handling this product, do not use sharps such as needles and syringes.

STEMCELL cannot guarantee the biological function or any other properties associated with performance of plasma in a researcher's individual assay or culture systems.

FOR IN VITRO RESEARCH USE ONLY. NOT APPROVED FOR DIAGNOSTIC, THERAPEUTIC, OR CLINICAL APPLICATIONS.

NOT APPROVED FOR HUMAN OR VETERINARY USE IN VIVO.

Directions for Use

1. Thaw in a 37°C water bath. Alternatively, plasma can be thawed at 2 - 8°C overnight.
2. Wipe the outside of the plasma container with 70% ethanol or isopropanol.
3. Plasma is now ready for use in downstream applications.

PRODUCTS ARE FOR RESEARCH USE ONLY AND NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES UNLESS OTHERWISE STATED.

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