

# Diseased Human Plasma, Type I Interferonopathy

Primary human plasma, frozen

Catalog #200-0864

1 mL

## Product Description

Type I interferonopathies are a group of autoimmune and autoinflammatory disorders caused by certain genetic mutations which enhance expression of active type I interferons (IFN) in the body. Common features of diseases in this group include vasculitic skin changes, neuromotor impairment, and immunodeficiencies. Samples from donors with type I Interferonopathies may be used to identify pathway targets for therapies.

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.

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