

Diseased Human Plasma, Graves' Disease

Primary human plasma, frozen

Catalog #200-0851

1 mL

Product Description

Graves' disease (GD) is an autoimmune disorder characterized by the overproduction of thyroid hormones (hyperthyroidism) by the thyroid gland. Hyperthyroidism may affect other organs, such as heart, skeletal muscle, eyes, skins, bones, and liver. Samples from donors with GD may be used to study the pathogenesis of the disease.

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.

Copyright © 2024 by STEMCELL Technologies Inc. All rights reserved including graphics and images. STEMCELL Technologies & Design, STEMCELL Shield Design, and Scientists Helping Scientists are trademarks of STEMCELL Technologies Canada Inc. All other trademarks are the property of their respective holders. While STEMCELL has made all reasonable efforts to ensure that the information provided by STEMCELL and its suppliers is correct, it makes no warranties or representations as to the accuracy or completeness of such information.