

CERTIFICATE OF ANALYSIS

Description: Human Serum Pooled Material (Female, Heavy (4x) Charcoal Stripped)

Product Number: SF-123-SHC

Batch Number: W3032312

Origin: USA

Expires: March 2014

Collection date: 1st March 2012

Presentation: 2 x 50ml

Number of donors in pool: Donations from 4 female individuals were used to create this pool

FDA license number: 2435350

The serum has been filtered to 0.2 micron.

The product is intended for *in-vitro* use only. This product is sold for research and manufacturing purposes only. The user assumes all responsibility for the usage and disposal of this product in accordance with all current regulations.

Recommended storage is -20°C or below. Avoid repeated freezing and thawing as it may precipitate proteins. For ease of use aliquot into smaller volumes before freezing.

If a precipitate is observed, withdraw aliquots as needed with a pipette and transfer into a conical microcentrifuge tube. Centrifuge at maximum speed for 2-3 minutes and use supernatant.

Each donor used in the preparation of the product was tested and found negative for anti-HIV 1-2, HbsAG, anti-HCV, HIV-1Ag, ALT and a test for Syphilis with kits approved and licensed by the FDA under regulation 21 CFR 610.40. All of the donor units are collected in donor centres within the United States which are licensed by the FDA. The material listed on this certificate of analysis has been tested in accordance with FDA regulations and found to be negative for HIV 1-2 Ab and HCV Ab and non-reactive for HBsAg, HIV-1 RNA, HCV RNA, and STS.

The material should be handled as if capable of transmitting infectious agents. Please use universal precautions. No test method can provide total assurance against Hepatitis virus (all types) Human immunodeficiency virus or other infectious agents are absent. All blood products should be handled at the Bio-Safety level 2.

Date: 13th March 2012