



***Human StemXVivo™***  
***Serum-Free T Cell Base Media***  
Serum-Free Base Media for Human T Cell Culture  
Catalog Number: CCM010  
Volume: 250 mL

***Product Description***

Human StemXVivo Serum-Free T Cell Base Media is formulated and optimized for the *ex vivo* culture of human T lymphocytes. This product is supplemented with sodium bicarbonate but does not contain antibiotics.

***Intended Use***

Human StemXVivo Serum-Free T Cell Base Media can also be used with cytokine/growth factor supplements. The cytokine/growth factor combination used depends upon the experimental design of each researcher.

**Note:** Cytokines and growth factors can be obtained from R&D Systems ([www.RnDSystems.com](http://www.RnDSystems.com)). For a sample protocol using the Human StemXVivo Serum-Free T Cell Base Media for the *ex vivo* culture of CD3/CD28-primed T lymphocytes, refer to our website ([www.RnDSystems.com/go/ExVivoTCellProtocol](http://www.RnDSystems.com/go/ExVivoTCellProtocol)).

***Stability and Storage***

Upon receipt, the Human StemXVivo Serum-Free T Cell Base Media should be stored at  $\leq -20^{\circ}$  C in a manual defrost freezer. The media can be thawed at 2 - 8° C or at room temperature. Thawed media can be aliquoted and stored at  $\leq -20^{\circ}$  C in a manual defrost freezer until the expiration date on the vial label or used within a month when stored in the dark at 2 - 8° C. Avoid repeated freeze-thaw cycles.

***Precautions***

The human origin-derived components used in this product have been derived from human plasma, which has been tested and found negative for antibodies to HIV-1/2, hepatitis B surface antigen (HBsAg), and hepatitis C virus (HCV). However, the medium should be handled as if potentially infectious. Safe laboratory procedures should be followed and protective clothing should be worn when handling this media. The acute and chronic effects of over-exposure to this media are unknown.

***Limitations***

- FOR LABORATORY RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.
- The safety and efficacy of this product in diagnostic or other clinical uses has not been established.
- This reagent should not be used beyond the expiration date indicated on the label.
- Results may vary due to variations among primary T lymphocyte populations derived from different donors.