

TheraPEAK[®] T-VIVO[®] Cell Culture Medium



Enhancing T-cell Culture to Accelerate Therapy Development

Reduce variability concerns with TheraPEAK[®] T-VIVO[®] Cell Culture Medium and achieve greater cell proliferation and viabilities along with increased process efficiencies. Its novel chemically defined formulation is serum-free and non-animal origin (NAO), ensuring consistency and increased process control.

TheraPEAK[®] T-VIVO[®] Medium enhances the culture and expansion of:

- T cells
- CAR-T cells
- Peripheral blood lymphocytes (PBL)
- Tumor infiltrating lymphocytes (TIL)

With traceability documentation available including Certificates of Analysis and a Drug Master File, TheraPEAK[®] T-VIVO[®] Cell Culture Medium simplifies processes, supports regulatory compliance, and scale up from preclinical development through to manufacturing.

Features and Benefits

- NAO formulation; contains only recombinant proteins
- Does not require serum or serum component addition
- Greater cell proliferation
- Easy-to-use formulation only requiring addition of cytokines
- High transduction efficiencies and post-transduction viabilities
- Produced according to current GMP guidelines

TheraPEAK[®] T-VIVO[®] Medium is supported with protocols, application data and our world class scientific support team.

With demonstrated performance in a variety of platforms including static T-flasks, spinner flasks, gas-permeable cell expansion devices, rocking platform bioreactors, stirred-tank bioreactors and the Cocoon[®] Platform, TheraPEAK[®] T-VIVO[®] Medium allows you to successfully generate patient treatments for numerous indications.

Optimal performance across different platforms

T-cell expansion in TheraPEAK® T-VIVO® Medium compared with other commercial media in a gas-permeable cell expansion device

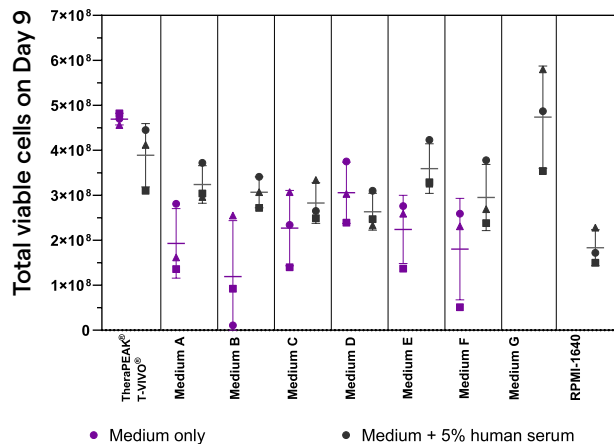


Figure 1. TheraPEAK® T-VIVO® Medium supports efficient T-cell expansion in a gas-permeable cell expansion device compared with various commercial media. All culture media are supplemented with recombinant human IL-2 (100 IU/mL). Each donor is represented by the ▲● symbol. Human AB serum (5%) is also added to each medium for comparison purpose (black symbols). Medium G and RPMI-1640 do not support T-cell growth without the supplementation of human AB serum.

Scale-up T-cell expansion in rocking motion platform and spinner flask using TheraPEAK® T-VIVO® Medium

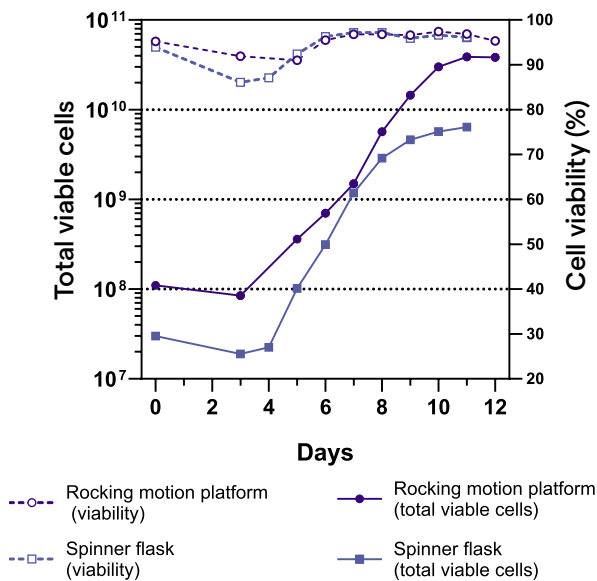


Figure 2. Full-scale T-cell expansion in spinner flask or rocking motion platform bioreactor. Peripheral blood mononuclear cells are activated via CD3 and CD28 and expanded with TheraPEAK® T-VIVO® Medium for up to 12 days. TheraPEAK® T-VIVO® Medium is supplemented with recombinant human IL-2 (100 IU/mL).

Place your order or contact us for further information

Catalog no.	Description	Size and packaging
BP12-970Q	TheraPEAK® T-VIVO® Cell Culture Medium	1 Liter bottle
BP08-970Y	TheraPEAK® T-VIVO® Cell Culture Medium	1 Liter bag

Customization of packaging for specific applications is available. Please contact Scientific Support for additional information.

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