

Product Datasheet

Human Blood B Booster Kit

DDXK-HuBBB-2Plates

Unit Size: 2 Plates

Storage of components varies. See protocol for specific instructions.

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Publications: 1

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DDXK-HuBBB-2Plates**Human Blood B Booster Kit**

Product Information	
Unit Size	2 Plates
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.

Product Description	
Description	Dendritics has developed the HuBBB(R) kit as an improvement of the above approaches, in order to target the largest B cell population from peripheral blood, thus offering the opportunity to pursue studies on immortalized B cells representative of the overall peripheral B repertoire. Under the best conditions, the kit allows the immortalization of up to 20% of the starting B cell population. The HuBBB(R) kit was packaged so as to make it very easy to handle for the scientists ; it contains all the reagents needed to obtain from 5.104 to 2.105 independent B cell clones from 107 peripheral blood mononuclear cells using ten 96 wells culture plates. The resulting cells are available for a wide range of studies including genomic, transcriptomic and proteomic fields. Intended usage: - Production of human monoclonal antibodies for research use. -Drug discovery/development: development of fully human antibodies for use in in vitro studies. -Evaluation of biotherapeutics agents or candidate vaccines on immunoglobulin secretion. -Measurement of auto/allo-antibodies against specific biological targets like cytokines. Successful Proofs of Concepts: -Fully human monoclonal antibodies were made against several targets including HuMAB anti-HPA5b, -IL1a, -BetV1, -Derp1 -Neutralizing HumAB anti-Chik -Hu and canMab anti-Leptospira
Species	Human
Kit Components	Vial #1 - support 1, Vial #2 - mAb1, Vial #3 - mAb2, Vial #4 - EBV1, Vial #5 - support2, Vial #6 - mAb3, Vial #7 - EBV2, Booster reagent
Notes	This product is manufactured by Eurobio Scientific (formerly Dendritics) and distributed by Novus Biologicals.

Product Application Details	
Applications	B Cell Stimulation
Recommended Dilutions	B Cell Stimulation
Application Notes	Intended use: Immortalization of human B lymphocytes from peripheral blood samples

Images

B Cell Stimulation: Human Blood B Booster Kit [DDXK-HuBBB] - Microscopic observation during the time course of the culture.



Publications

Ndongo-Thiam N et al. Negative association between autoantibodies against IL-17, IL-17/anti-IL-17 antibody immune complexes and destruction in rheumatoid arthritis. Ann Rheum Dis 2016-07-01 [PMID: 27130907]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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