

# 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	
<b>Unit Size</b>	2 Plates
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.

Product Description	
<b>Description</b>	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
<b>Species</b>	Human
<b>Kit Components</b>	Vial #1 - support 1, Vial #2 - mAb1, Vial #3 - mAb2, Vial #4 - EBV1, Vial #5 - support2, Vial #6 - mAb3, Vial #7 - EBV2, Booster reagent
<b>Notes</b>	This product is manufactured by Eurobio Scientific (formerly Dendritics) and distributed by Novus Biologicals.

Product Application Details	
<b>Applications</b>	B Cell Stimulation
<b>Recommended Dilutions</b>	B Cell Stimulation
<b>Application Notes</b>	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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