

# Product Datasheet

## Human CD4+ CD25+ Regulatory+ T Cell Isolation Kit MAGH104-NOV

Unit Size: 1 Kit

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/MAGH104-NOV](http://www.novusbio.com/MAGH104-NOV)

Updated 9/11/2023 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/MAGH104-NOV](http://www.novusbio.com/reviews/destination/MAGH104-NOV)



**MAGH104-NOV****Human CD4+ CD25+ Regulatory+ T Cell Isolation Kit**

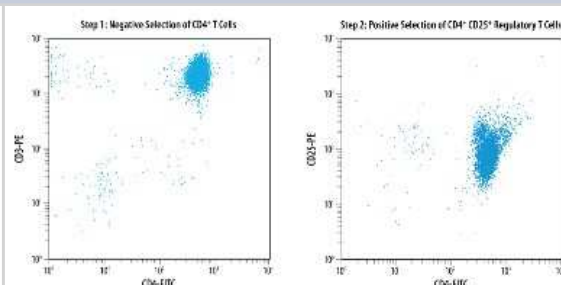
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at 4C. Do not freeze.

<b>Product Description</b>	
<b>Description</b>	<p>The MagCollect Human CD4+CD25+ Regulatory T Cell Isolation Kit is designed to isolate human CD4+CD25+ regulatory T cells from a preparation of peripheral blood mononuclear cells (PBMC) using a two-step procedure that combines both negative and positive selection techniques. The resulting cell preparation is highly enriched for CD4+CD25+ T cells with a purity of recovered cells ranging between 85-95%. <b>Features</b></p> <ul style="list-style-type: none"> <li>• Yields highly enriched populations (85-95%) of Treg cells</li> <li>• Does not require specialized instrumentation</li> <li>• Obtains isolated Treg cells by a combination of negative and positive selection</li> </ul>
<b>Species</b>	Human
<b>Kit Components</b>	1.0 ml of a Human CD4+ T Cell Biotinylated Antibody Cocktail, 0.5 ml of a Anti-Human CD25 Biotinylated Antibody (Clone 24238), 1.0 ml of a Human CD4+CD25+ Regulatory T Cell Staining Reagent, 2.0 ml of a Streptavidin Ferrofluid, 25 ml of a 10X Buffer

<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry
<b>Recommended Dilutions</b>	Flow Cytometry

**Images**

Flow Cytometry: Human CD4+ CD25+ Regulatory+ T Cell Isolation Kit [MAGH104-NOV] - Enrichment of CD4+ T cells (Step 1) and CD4+CD25+ Cells (Step 2) were stained using the conjugated antibodies provided in this kit. In Step 1, CD4+ T cells were isolated from PBMC. The additional reagent, Anti-Human CD3 epsilon-PE Antibody was used in this step. In Step 2, CD4+CD25+ T cells were isolated from the CD4+ cells recovered in Step 1.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/MAGH104-NOV](http://www.novusbio.com/reviews/submit/MAGH104-NOV)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

