

# Product Datasheet

## Mouse CD4+ T Cell Isolation Kit

### MAGM202-NOV

Unit Size: 1 Kit

Store at 4C. Do not freeze.

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**MAGM202-NOV****Mouse CD4+ T Cell Isolation Kit****Product Information**

<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.

**Product Description**

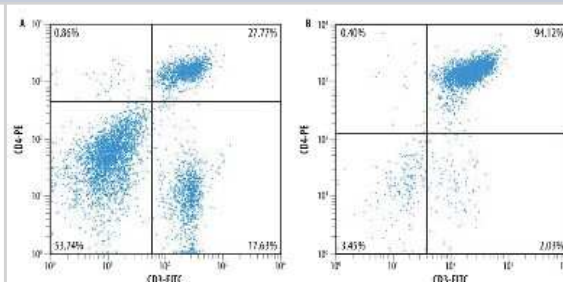
<b>Description</b>	<p>The MagCelect Mouse CD4+ T Cell Isolation Kit is designed to isolate CD4+ T cells via a negative selection principle. The resulting cell preparation is highly enriched with CD4+ T cells. Typical recovery ranges between 40% and 66% and the purity of recovered CD4+ T cells ranges from 90-95%, with no detectable CD8+ T cells. <b>Features</b></p> <ul style="list-style-type: none"> <li>• Yields highly pure (90-95%) CD4+ T cells in under an hour</li> <li>• Isolated CD4+ T cells are untouched by beads or antibodies</li> <li>• Cost effective for the processing of multiple samples in combination with Magnet (Catalog # MAG997-NOV)</li> <li>• Negative selection reduces sources of experimental variation</li> </ul>
<b>Gene Symbol</b>	CD4
<b>Species</b>	Mouse
<b>Kit Components</b>	1.0 ml of a Mouse CD4+ T Cell Biotinylated Antibody Cocktail, 1.0 ml of a Streptavidin Ferrofluid, 10 ml of a 10X Buffer

**Product Application Details**

<b>Applications</b>	Flow Cytometry
<b>Recommended Dilutions</b>	Flow Cytometry

**Images**

Flow Cytometry: Mouse CD4+ T Cell Isolation Kit [MAGM202-NOV] - Ficoll mouse splenocytes before (A) and after (B) isolation of CD4+ T cells were stained with PE-conjugated Rat Anti-Mouse CD4 Monoclonal Antibody and FITC-conjugated Rat Anti-Mouse CD3 Monoclonal Antibody.





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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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