

Product Datasheet

Human CD4+ T Cell Isolation Kit MAGH102-NOV

Unit Size: 1 Kit

Store at 4C. Do not freeze.

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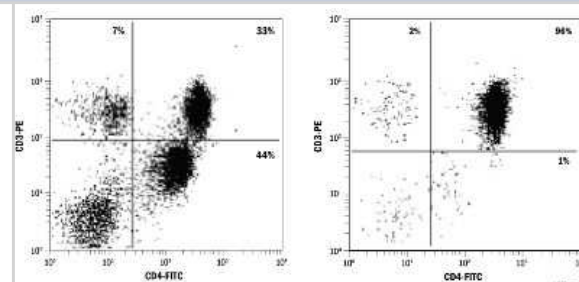
MAGH102-NOV**Human CD4+ T Cell Isolation Kit**

| Product Information | |
|------------------------------------|---|
| Unit Size | 1 Kit |
| Concentration | Concentration is not relevant for this product. Please see the protocols for proper use of this product. |
| Storage | Store at 4C. Do not freeze. |
| Product Description | |
| Description | <p>The MagCelect Human 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 from 45-65% and the purity of recovered CD4+ T cells ranges from 90-97%, with no detectable CD8+ T cells.</p> <p>Features</p> <ul style="list-style-type: none"> • Yields highly pure (90-97%) CD4+ T cells in under an hour • Isolated CD4+ T cells are untouched by beads or antibodies • Cost effective for the processing of multiple samples in combination with Magnet (Catalog # MAG997-NOV) • Negative selection reduces sources of experimental variation |
| Gene Symbol | CD4 |
| Species | Human |
| Kit Components | 1.0 ml of a Human CD4+ T Cell Biotinylated Antibody Cocktail, 1.25 ml of a Streptavidin Ferrofluid, 10 ml of a 10X Buffer |
| Product Application Details | |
| Applications | Flow Cytometry |
| Recommended Dilutions | Flow Cytometry |

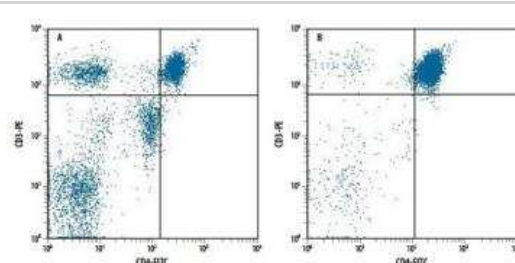


Images

Flow Cytometry: Human CD4+ T Cell Isolation Kit [MAGH102-NOV] - Enrichment of CD4+ T Cells from Human Peripheral Blood Mononuclear Cells Using the MagCelect CD4+ T Cell Isolation Kit. Ficoll human PBMC before (A) and after (B) isolation of CD4+ T cells were stained with PE-conjugated Mouse Anti-Human CD3 epsilon Monoclonal Antibody and FITC-conjugated Mouse Anti-Human CD4 Monoclonal Antibody.



Flow Cytometry: Human CD4+ T Cell Isolation Kit [MAGH102-NOV] - Ficoll human PBMCs before (A) and after (B) isolation of CD4+ T cells using the MagCelect CD4+T Cell Isolation Kit. Dot plots reflect double-staining of all viable cells with CD4-FITC/CD3-PE.





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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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