

## 14-1002: Human Peripheral Blood CD4/CD25 Regulatory T Cells(Discontinued)

### Description

Human peripheral blood regulatory T cells (Tregs) are a subpopulation of T cells that play an important role in maintaining self-tolerance in the adaptive immune system by suppressing potentially deleterious activities of CD4+ helper T cells, which, if not regulated, can cause a variety of autoimmune disorders.

Peripheral Blood CD4+CD25+ Tregs are enriched in a two-step process. First, cells expressing CD8, CD14, CD16, CD19, CD20, CD36, CD56, CD66b, CD123, TCR $\alpha/\beta$ , and CD235a are depleted from the peripheral blood mononuclear cell population using immunomagnetic particles leaving purified, untouched CD4+ T cells. Then, enriched CD4+ T cells are selected for CD25+ cells by positive selection using anti-CD25 immunomagnetic particles allowing for the enrichment of CD4+CD25+ regulatory T cells. Isolated cells are characterized by flow cytometry to ensure a highly pure and viable cell population.

Cells were obtained using Institutional Review Board (IRB) approved consent forms and protocols.

### Product Info

<b>Amount :</b>	1 Vial
<b>Content :</b>	Each cryopreserved vial contains 2 million cells. Preserved in CryoStor <sup>®</sup> , $\phi$ CS10 (10% DMSO)
<b>Storage condition :</b>	Immediately upon receipt, store in liquid nitrogen.

### Application Note

#### LIMITED USE RESTRICTIONS:

**THIS PRODUCT IS SOLELY FOR IN VITRO RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

**By use of this product, user agrees to be bound by the terms of this limited use statement.**

**This product is solely for Internal Research Purposes and not for Commercial Purposes. Commercial Purposes include, but are not limited to (1) use of the cell line in manufacturing; (2) use of the cell line to provide a service, information or data; (3) use of the cell line for therapeutic, diagnostic or prophylactic purposes; or (4) resale of the cell line whether or not such cell lines are resold for use in research.**

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