

T cell  
B cell  
DC  
NK

CellXVivo

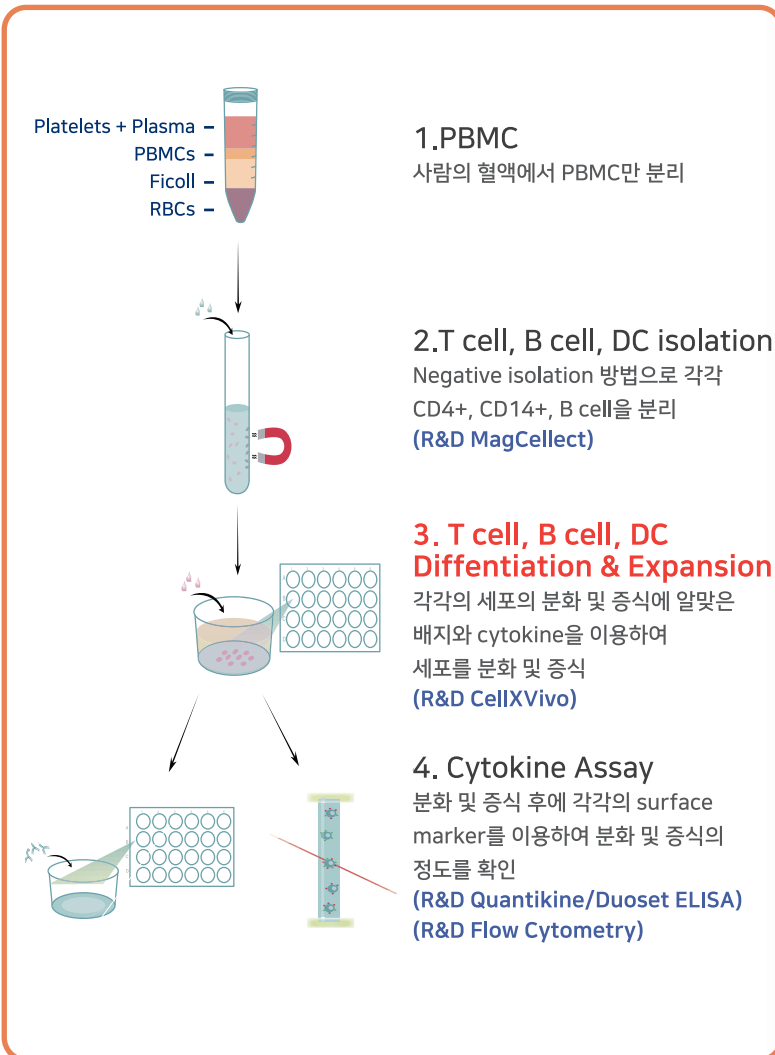
# Differentiation & Expansion Kits

## Advantage

- R&D system의 High Quality Bioactive Cytokine 제공
- 다양한 T cell 및 B cell, DC, NK 연구에 최적
- High Differentiation Yield
- Validated Protocol
- Easy and Simple
- 추가 장비 필요없음



## 실험 Procedure



## Related Products

### Isolation Kit

Non-column 방식의 negative isolation 방식으로 원하는 타입의 세포의 손상없이 분리가 가능합니다

MAGH101	Human CD3+ T Cell Isolation Kit
MAGH102	Human CD4+ T Cell Isolation Kit
MAGH103	Human B Cell Isolation Kit
MAGH105	Human CD14+ Cell Isolation Kit
MAGH115	Human Naive CD4+ T Cell Isolation Kit
MAG997	MagCollect Magnet

### Verification Kit

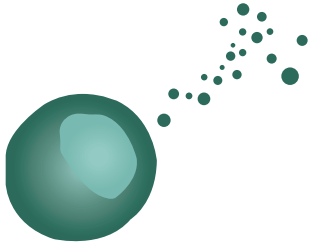
CellXVivo로 분화시킨 후에 각 subset에서 발현되는 cytokine 들을 4가지 형광으로 Flow cytometry로 측정할 수 있습니다.

FMC009B	Human Th1 Cell Multi-Color Flow Cytometry Kit
FMC010	Mouse Th1 Cell Multi-Color Flow Cytometry Kit
FMC011B	Human Th2 Cell Multi-Color Flow Cytometry Kit
FMC012	Mouse Th2 Cell Multi-Color Flow Cytometry Kit
FMC021	Human Regulatory T Cell Multi-Color Flow Kit
FMC022	Mouse Regulatory T Cell Multi-Color Flow Kit
FMC007B	Human Th17 Cell Multi-Color Flow Cytometry Kit

# Immune Cell Culture 혁신 !!!

쉽고 간편한 R&D **CellXVivo™** 시리즈~

## T cells

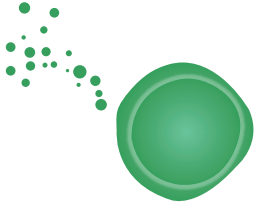


**Human/Mouse Th1 Cell Differentiation Kit (#CDK001/#CDK018)**  
Naive CD4+ T cell에서 Immature/Mature Th1 Cell 분화 유도

**Human/Mouse Th2 Cell Differentiation Kit (#CDK002/#CDK019)**  
Naive CD4+ T cell에서 Immature/Mature Th2 Cell 분화 유도

**Human/Mouse Th17 Cell Differentiation Kit (#CDK003C/#CDK017)**  
Naive CD4+ T cell에서 Immature/Mature Th17 Cell 분화 유도

**Human/Mouse Treg Cell Differentiation Kit (#CDK006/CDK007)**  
Naive CD4+ T cell에서 Immature/Mature Th1 Cell 분화 유도



## B Cells

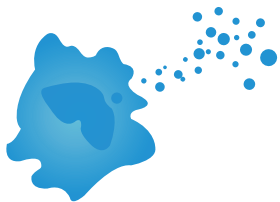
**Human B Cell Expansion Kit (#CDK005)**  
Human B Cell 분화 및 증식 유도



## Natural Killer Cells

**Human NK Cell Expansion Kit (#CDK015)**  
PBMCs에서 CD3-CD56+ NK Cell을 증식 (CD3+CD56+ CIK Cell 증식 억제)

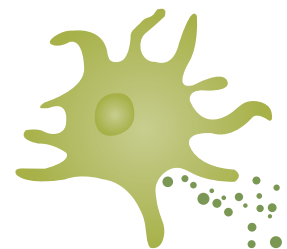
**Human CIK Cell Expansion Kit (#CDK014)**  
PBMCs에서 CD3+CD56+ Cytokine-induced cell을 증식



## Macrophages

**Human M1 Macrophage Differentiation kit (#CDK012)**  
CD14+ monocytes에서 Immature/Mature Macrophage 분화 유도

**Human M2 Macrophage Differentiation Kit (#CDK013)**  
CD14+ monocytes에서 Immature/Mature Macrophage 분화 유도



## Dendritic Cells

**Human Monocyte-derived Dendritic Cell Differentiation Kit (#CDK004)**  
CD14+ monocytes 유래 Immature/Mature DC 분화 유도

**Mouse Dendritic Cell Differentiation Kit (#CDK008)**  
Bone marrow cell에서 Immature/Mature dendritic cell 분화 유도