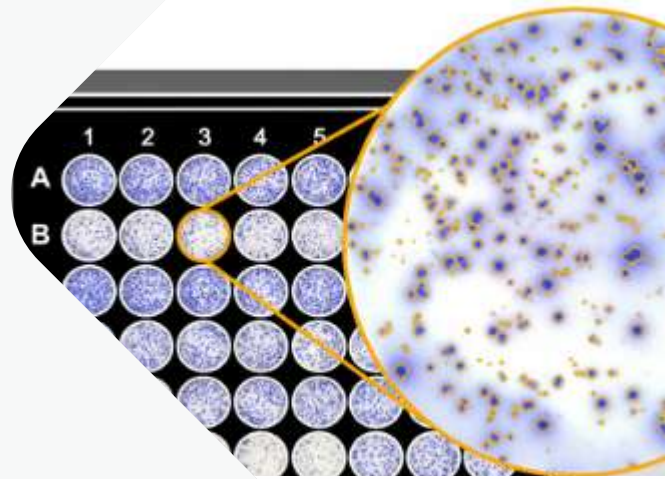


# ELISpot

## Kits



### Detection of Single cells secreting Cytokines

Cell 에서 Cytokine이 분비되는순간 antibody에 binding

Sample 저장 중 발생 가능한 target protein loss 없음 (단백질 분해효소, cell surface protein 영향 받지 않음)

### High Sensitivity

100,000 cells 중 1개의 cell이 target protein 분비하여도 인지 가능

### No *in vitro* expansion of cell required

적은 cell 수로도 분석 가능

### Be Assured the kit worked

Positive control (recombinant target protein) 제공: kit performance 확인 가능

### Choose from 2 types of kits

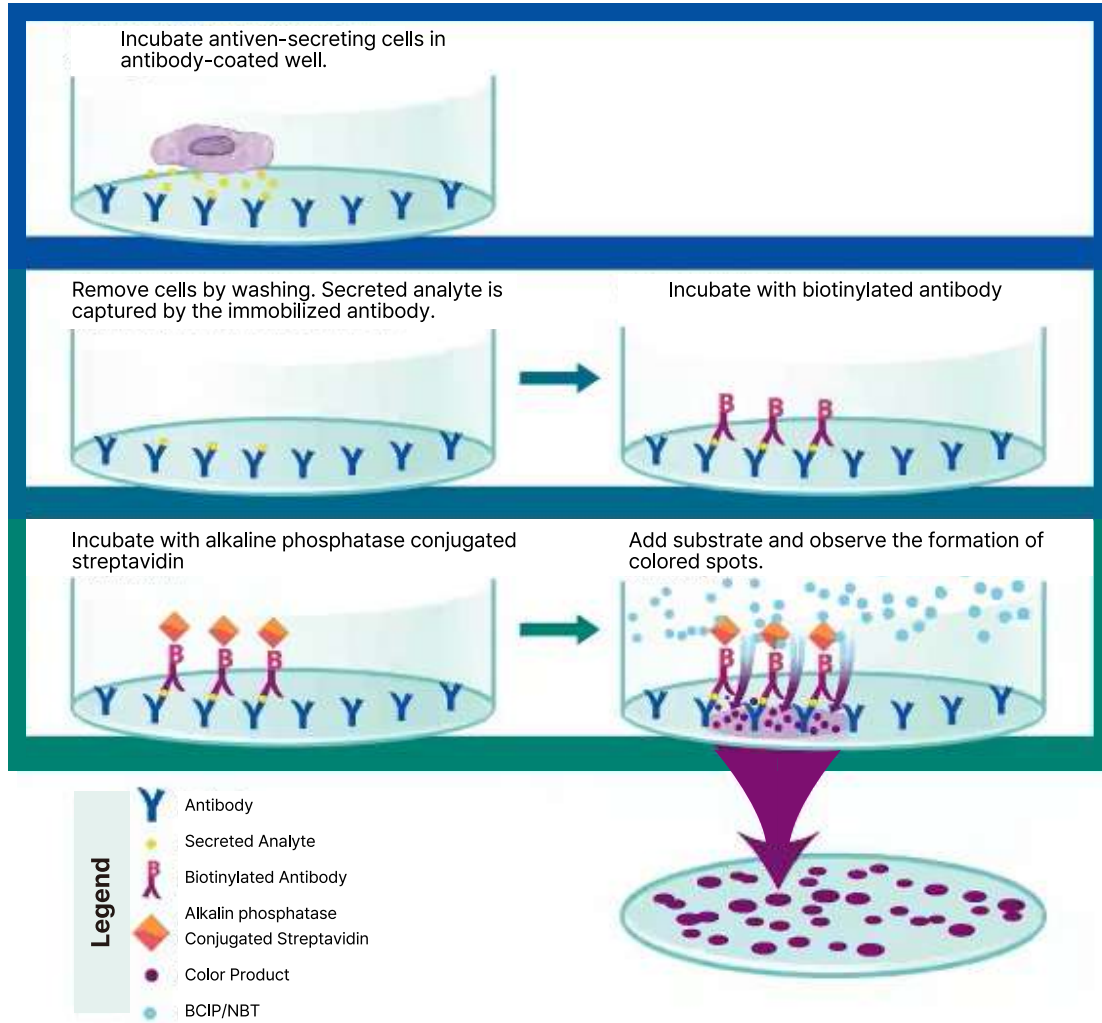
#### 1. Complete ELISpot Kits

- Ready-to-run: 분석에 필요한 모든 시약으로 구성
- Positive control 포함
- Kit size: 1 or 6 Plates

#### 2. ELISpot Development Modules

- Optimized capture and detection antibody pair로 구성
- Assay에 따라 실험 디자인 최적화 가능
- Kit size: 5 Plates
- 함께 사용할 시약: ELISpot Blue Color Module (Cat# SEL002)
  - Contents: Streptavidin-AP, BCIP/NBT

# ELISpot Assay Principle



## Complete ELISpot Kits

|                   | H      | M      | R     | C      | P     | Pm    |
|-------------------|--------|--------|-------|--------|-------|-------|
| <b>Granzyme B</b> | EL2906 | EL1865 |       |        |       |       |
| <b>IFN-gamma</b>  | EL285  | EL485  | EL585 | EL781  | EL985 | EL961 |
| <b>IL-2</b>       | EL202  | EL402  | EL502 | EL1815 |       |       |
| <b>IL-4</b>       | EL204  | EL404  |       | EL754  |       |       |
| <b>IL-5</b>       | EL205  | EL405  | EL406 |        |       |       |
| <b>IL-6</b>       | EL206  | EL406  |       |        |       |       |
| <b>IL-10</b>      | EL217B | EL417  |       |        | EL693 |       |
| <b>IL-13</b>      | EL213  |        |       |        |       |       |
| <b>IL-17A</b>     | EL317  | EL421  |       |        |       | EL317 |
| <b>TNF-alpha</b>  |        | EL410  |       |        |       |       |

H; Human, M; Mouse, R; Rat, C; Canine, P; Porcine, Pm; Primate, F; Feline

## Development ELISpot Kits

|                   | H       | M       | R      | C       | F       |
|-------------------|---------|---------|--------|---------|---------|
| <b>Granzyme B</b> | SEL2906 | SEL1865 |        |         |         |
| <b>IFN-gamma</b>  | SEL285  | SEL485  | SEL585 | SEL781  | SEL764  |
| <b>IL-2</b>       | SEL202  | SEL402  |        | SEL1815 | SEL1890 |
| <b>IL-4</b>       | SEL204  | SEL404  |        | SEL754  |         |
| <b>IL-5</b>       | SEL205  | SEL405  |        |         |         |
| <b>IL-6</b>       | SEL206  | SEL406  | SEL406 |         | SEL2305 |
| <b>IL-10</b>      | SEL217B |         |        | SEL735  |         |
| <b>IL-13</b>      | SEL213  | SEL413  |        |         |         |
| <b>IL-17A</b>     |         |         |        | SEL5848 |         |
| <b>IL-31</b>      | SEL2824 |         |        |         |         |
| <b>IgG</b>        | SELB002 | SELB004 |        |         |         |
| <b>IgM</b>        | SELB003 | SELB005 |        |         |         |
| <b>TNF-alpha</b>  | SEL210  |         |        |         |         |